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U. S. Department of Agriculture  
Forest Service

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U. S. DEPT. OF AGRICULTURE

## FOREST SERVICE DIRECTORY

October, 1922

This directory is issued semiannually and is for the exclusive use of members of the Forest Service and cooperating bureaus.

Unless otherwise indicated, the officers in charge of the individual Forests are forest supervisors, and those in charge of the individual ranger districts are forest rangers.

The express address of the ranger district is the same as the headquarters unless otherwise indicated.

WU = Western Union; P = Postal; C = Continental; PT & T = Postal Telegraph & Telephone; SC, USA = Signal Corps, United States Army.

### OFFICE OF THE FORESTER.

WILLIAM B. GREELEY, Forester.

EDWARD A. SHERMAN, Associate Forester.

### FINANCE AND ACCOUNTS.

H. I. LOVING, chief.

ACCOUNTING.—J. H. Kerrick, M. B. Baldenburg.

AUDIT AND TRANSPORTATION.—W. H. Shir-Cliff.

APPOINTMENT RECORDS.—Blanche A. Judson.

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## OPERATION.

ROY HEADLEY, assistant forester; Paul D. Kelleter, forest inspector; G. G. Anderson, assistant in personnel; Evan W. Kelley, inspector.

MAINTENANCE.—G. M. Randal.

SUPPLY DEPOT, OGDEN, UTAH.—Frank Haynie.

## FOREST MANAGEMENT.

E. E. CARTER, assistant forester; Harry Irion, administrative assistant.

COOPERATION WITH PRIVATE TIMBERLAND OWNERS.—A. Cary, logging engineer.

WESTERN DIVISION.—J. F. Preston and I. F. Eldredge, forest inspectors.

EASTERN DIVISION.—J. G. Peters, forest inspector; C. R. Tillotson, forest examiner.

STATE COOPERATIVE FIRE PROTECTION UNDER THE WEEKS LAW.—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Ohio, Maryland, Virginia, West Virginia, North Carolina, Tennessee, Louisiana, and Texas: J. G. Peters; C. R. Tillotson, J. A. Mitchell, and G. T. Backus (Asheville, N. C.), district forest inspectors.

FARM FORESTRY.—W. R. Mattoon, forest examiner.

COMPILATION OF STATE FORESTRY LAWS.—Miss J. S. Peyton.

## GRAZING.

WILL C. BARNES, assistant forester; C. E. Rachford, inspector of grazing.

GRAZING STUDIES (in cooperation with F. V. Coville, botanist, Bureau of Plant Industry).—William R. Chapline, inspector of grazing.

FORAGE INVESTIGATION.—William A. Dayton, plant ecologist.

RANGE RESERVE EXPERIMENTS.—Jornada Reserve: Enoch W. Nelson, grazing examiner, Las Cruces, N. Mex.; Jacob D. Schoeller, grazing assistant; Paul B. Lister, ranger. Santa Rita Reserve: Matt J. Culley, grazing assistant, Tucson, Ariz.; A. F. McDuffie, ranger.

## LANDS.

L. F. KNEIPP, assistant forester; D. F. McGowan, inspector of lands.

OCCUPANCY.—C. H. Squire, inspector of lands.

CLASSIFICATION.—W. J. Mangan, executive assistant.

ACQUISITION.—W. W. Ashe, forest inspector.

## RESEARCH.

EARLE H. CLAPP, assistant forester; Raphael Zon, forest economist; Ward Shepard, general assistant; Harry Irion, administrative assistant.

DENDROLOGY.—George B. Sudworth, dendrologist.

FOREST INVESTIGATIONS.—J. Kittredge, jr.

FOREST MEASUREMENTS.—R. M. Brown.

LIBRARY.—Miss H. E. Stockbridge.

COMPILATION.—Miss E. B. Leech.

### Forest Experiment Stations:

CLOQUET (in cooperation with the University of Minnesota).—  
———, Cloquet, Minn.

PRIEST RIVER, MISSOULA, MONT.—R. H. Weidman, associate silviculturist, Missoula, Mont.; Julius A. Larsen and H. T. Gisborne, forest examiners. Savenac Nursery, W. G. Wahlenberg, forest assistant, Haugan, Mont.

FREMONT, PIKE NATIONAL FOREST.—C. G. Bates, silviculturist, Federal Building, Colorado Springs, Colo.; J. Roeser, jr., forest examiner; Oliver Robertson, ranger.

WAGON WHEEL GAP, RIO GRANDE NATIONAL FOREST (in cooperation with the Weather Bureau).—Walter M. Weld, observer, Wagon Wheel Gap, Colo.

FORT VALLEY, COCONINO NATIONAL FOREST.—G. A. Pearson, silviculturist, Flagstaff, Ariz.; Herman Krauch, assistant silviculturist; Manus E. Henegar, ranger; Fred W. Hedlund, senior clerk.

———.—E. N. Munns, forest examiner, San Francisco, Calif.

WIND RIVER, COLUMBIA NATIONAL FOREST.—Julius V. Hofmann, forest examiner, Stabler (railroad point, Carson), Wash.; H. V. Brown, ranger.

APPALACHIAN.—E. H. Frothingham, silviculturist, Asheville, N. C.; E. F. McCarthy, silviculturist; C. F. Korstian and F. W. Haasis, forest examiners.

SOUTHERN.—R. D. Forbes, director, customhouse, New Orleans, La.; Lenthall Wyman, associate silviculturist; F. H. Miller and W. R. B. Hine, forest assistants; Miss V. M. Spuhler, senior clerk.

FOREST PRODUCTS LABORATORY (in cooperation with the University of Wisconsin, Madison, Wis.).—Carlile P. Winslow, director; ———, assistant director; H. D. Tiemann, dry-kiln specialist; E. Peck, assistant.

Publication of Results.—Ray C. Tuttle, acting; E. V. Jotter, Francis J. Champion.

Wood Technology.—A. Koehler, Miss Eloise Gerry, J. G. Woodburn, R. W. Smith, Miss Gertrude Griffin, M. C. Jensen.

DERIVED PRODUCTS.—L. F. Hawley.

Distillation.—L. F. Hawley, Howard N. Calderwood, C. E. Rupp.

Wood Preservatives.—Ernest Bateman, Carleton Henningsen.

Ethyl Alcohol.—E. C. Sherrard, G. W. Blanco.

Cellulose Chemistry.————, Geo. J. Ritter, L. C. Fleck.



PULP AND PAPER.—John D. Rue.

Soda and Sulphate Processes.—Sidney D. Wells, R. H. Grabow, J. A. Staidl.

Sulphite Process.—R. N. Miller, W. H. Swanson.

Bleaching Process.—C. E. Curran, Parker K. Baird.

Chemistry of Pulps.—M. W. Bray, T. M. Andrews.

Physical Properties of Pulp.—R. N. Miller, L. J. Padgham.

Utilization of Fibrous Plants for Pulp.—E. R. Schafer, B. Summers, R. H. Grabow.

Mill Waste Studies.—John D. Rue.

Pulp and Pulpwood Decay.—John D. Rue, L. J. Padgham.

Mechanical Pulp.—R. N. Miller.

TIMBER MECHANICS.—J. A. Newlin; L. J. Markwardt, assistant.

Structural Timber Grading Rules.—J. A. Newlin, H. S. Grenoble, R. P. A. Johnson.

Comparison of Species; Standard Strength Tests.—L. J. Markwardt, J. M. Gahagan.

Effect of Treatment and Decay on Strength.—T. R. C. Wilson, R. P. A. Johnson, R. F. Luxford, W. B. Anthony.

Manufactured Articles.—Geo. E. Heck, R. F. Luxford.

Aircraft Study.—J. A. Newlin, G. W. Trayer, J. R. McAteer.

Influence of Growth Conditions on Strength.—B. H. Paul.

Containers.—C. A. Plaskett, W. H. Sacket, I. B. Lanphier, T. A. Carlson.

Preparation of Material for Publication.—L. J. Markwardt, Geo. E. Heck.

TIMBER PHYSICS.—Rolf Thelen; J. S. Mathewson, assistant; J. D. Studley, W. K. Loughborough, A. Hermann, A. C. Knauss.

WOOD PRESERVATION.—George M. Hunt; A. L. Heim, assistant.

Moisture Proofing and Humidity Control.—M. E. Dunlap.

Wood Preservation.—J. D. MacLean, R. M. Wirka.

Wood Gluing Studies.—T. R. Truax, C. A. Harrison.

Glues and Glue Testing.—W. L. Jones, Alfred C. Lindauer.

Wood Finishing.—F. L. Browne.

INDUSTRIAL INVESTIGATIONS.—Arthur T. Upson.

Industrial Utilization of Wood.—Arthur T. Upson, A. O. Benson.

Small Dimension Stock.—A. O. Benson, R. M. Volkert, L. N. Erickson, J. W. Medley.

Specifications and Grades.—D. G. White, E. P. Ivory, E. M. Davis.

Utilization of Tree Species.—Arthur T. Upson, Bryant D. Dain.

PATHOLOGY (in cooperation with Bureau of Plant Industry).—R. H. Colley, in charge; E. E. Hubert, assistant; C. J. Humphrey, Miss C. Audrey Richards.

LABORATORY OPERATION.—C. V. Maudlin; Charles P. Juckem, administrative assistant.

Computing.—Miss Regina Tormey.

Engineering.—B. L. Nelson.

Finance Control.—C. V. Maudlin.

Personnel.—C. P. Juckem.

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Supplies.—C. P. Juckem.

FINANCE AND ACCOUNTS.—W. E. Thompson, fiscal agent; J. A. O'Connell.

FOREST PRODUCTS.—H. S. Betts; W. D. Brush, R. K. Helphenstine, jr., John B. Cuno.

ECONOMIC INVESTIGATORS.— ———; L. S. Murphy, W. N. Sparhawk, R. V. Reynolds, A. H. Pierson, C. W. Boyce.

## ENGINEERING.

T. W. NORCROSS, chief engineer; G. H. Lautz, assistant chief engineer.

MAPS AND SURVEYS.—G. H. Lautz; C. A. Kolb, geographer.

Atlas.—G. B. Bruce.

Drafting.—J. M. Witherow.

Engraving.—T. S. Brock.

Photography.—E. S. Shipp.

ROADS.—G. H. Lautz.

WATER POWER.—T. W. Norcross.

## PUBLIC RELATIONS.

HERBERT A. SMITH, assistant forester.

INFORMATION.—Thomas H. Gill, Harry R. Kylie.

PUBLICATION.—C. M. Ballard, chief; A. C. Watkins, assistant editor.

PRINTING.—Edward Burkholder.

EXHIBITS AND MOTION PICTURES.— ——— .

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## DISTRICT 1.

### NORTHERN DISTRICT.

Montana, northeastern Washington, northern Idaho, and northwestern South Dakota. Office, Federal Building, Missoula, Mont.

FRED MORRELL, district forester.

PUBLIC RELATIONS.—Theodore Shoemaker and K. D. Swan, forest examiners.

LAW.—Office of the Solicitor (Forest Service branch). C. S. Brothers, assistant to the solicitor.

FINANCE AND ACCOUNTS.—O. M. Wold, chief of office and fiscal agent; S. E. Schoonover, district fiscal agent.

OPERATION.—L. C. Stockdale, assistant district forester; G. I. Porter, executive assistant; Henry Wold, field audit.

FIRE PROTECTION.—Howard R. Flint, district forest inspector.

IMPROVEMENTS.—D. L. Beatty and P. A. Wohlen, national forest examiners; R. B. Adams, telephone engineer.

LAW ENFORCEMENT.—P. J. O'Brien.

STATE COOPERATIVE FIRE PROTECTION UNDER THE WEEKS LAW.—Montana and Idaho: R. N. Cunningham.

MAINTENANCE.—O. C. Bradeen.

FOREST MANAGEMENT.—Elers Koch, assistant district forester; Wilfred W. White, forest examiner.

LOGGING ENGINEERING.—J. W. Girard, U. S. Swartz.

TIMBER SALES.—Field Supervision, C. E. Knouf, lumberman.

PLANTING.—D. S. Olson, planting assistant, Haugan, Mont. Savenac Nursery, G. W. Jones, forest examiner, Haugan, Mont.

FOREST INVESTIGATIONS.—

TIMBER SURVEYS.—F. K. Stewart, surveyor-draughtsman; Frank L. Tobey and Tom Watkins, forest assistants.

GRAZING.—Glen A. Smith, assistant district forester; L. C. Hurtt, inspector of grazing; J. B. Taylor, supervisor, range appraisal.

STUDIES.—L. C. Hurtt, inspector of grazing; H. W. Elofson, grazing assistant.

LANDS.—M. H. Wolff, district forest inspector; J. B. Seeley, office assistant.

LAND EXCHANGE.—Harry G. Ade, national forest examiner.

LAND CLASSIFICATION.—Harry G. Ade.

CLAIMS.—C. A. McElroy, land examiner.

ENGINEERING.—F. E. Thieme, district engineer.

MAPS AND SURVEYS.—J. B. Yule.

Drafting.—Frank J. Cool, Sprague T. Simons.

Entry Surveys.—W. P. Stephenson.

ROADS.—F. E. Thieme, H. A. Calkins, W. P. Stephenson.

WATER POWER.—E. W. Kramer.

PRODUCTS.—S. V. Fullaway, jr., district forest inspector; C. N. Whitney and F. J. Klobucher, forest examiners.

## NATIONAL FORESTS.

### IDAHO.

Clearwater.—Lloyd G. Hornby, Orofino (WU); Paul H. Gerrard, fire assistant; Claud E. Sutton, forest examiner; H. R. Snider and H. M. Lumsden, rangers; Philip M. Lamoreux, senior clerk.

Ranger District: Musselshell.—W. E. Buckingham, Weippe (Exp. Orofino); E. T. Nero, ranger.

Oxford.—J. C. Urquhart, Pierce.

Chamberlain Meadow.—L. R. Vanairsdale, Orofino.

Fish Lake.—J. P. Gaffney, Orofino.

Cook Mountain.—A. N. Cochrell, Pierce.



**Coeur d'Alene.**—Charles K. McHarg, jr., Coeur d'Alene (WU) ; Philip Neff, lumberman ; James F. Brooks, national forest examiner ; M. I. Bradner, forest assistant ; Karl J. George, senior clerk.

*Ranger District: River.*—Edward C. Pulaski, Wallace.

*Lake.*—Edward H. Coulson, forest assistant, Coeur d'Alene.

*Little North Fork.*—E. D. Eiselstein, Coeur d'Alene.

*Forks.*—F. B. Bishop, Coeur d'Alene.

*North Fork.*—M. R. Robins, Prichard (Exp. Enaville).

*Lower North Fork.*— ———, Enaville.

*Timber Sale.*—Thomas Crossley, deputy supervisor ; N. Johnson, G. C. W. Earle, R. H. Parsons, and C. E. Bradner, scalers.

**Kaniksu.**—Joseph A. Fitzwater, Sandpoint (WU) ; R. A. Phillips, deputy supervisor ; Charles R. Clark, forest examiner ; Frank Foltz, fire assistant ; Howard Drake, lumberman ; Fred E. Allen, senior clerk.

*Ranger District: Falls.*—Laurence D. Dunn, forest assistant, Priest River.

*Priest Lake.*—James K. Ward, Coolin (Exp. Priest River).

*Sullivan Lake.*—Arthur E. Pauley, Ione, Wash. (Exp. Priest River).

*Experiment Station.*—Gerhard Kempff, Priest River.

*Timber Sale.*—R. E. Dow, H. A. Ogston, scalers ; M. F. Kelly, ranger.

**Nezperce.**—Adrian C. Adams, Grangeville (WU) ; Clyde P. Fickes, deputy supervisor ; A. J. Devan, fire assistant ; George V. Ring, ranger ; William M. Noble, senior clerk.

*Ranger District: Salmon River.*—William H. Deasy, Riggins (Exp. Grangeville) ; Earl McConnell, ranger.

*Hump.*—William M. Gregg, Whitebird (Exp. Grangeville).

*Clearwater.*—Vernon L. Collins, Grangeville.

*Elk City.*—James W. Dyar, Elk City (Exp. Stites).

**Pend Oreille.**—Joseph A. Fitzwater, Sandpoint (WU) ; John E. Breen, deputy supervisor ; Ray R. Fitting, fire assistant ; G. M. De Jarnette, forest assistant ; Walter W. Schwartz, senior clerk.

*Ranger District: Clarksfork.*—C. E. Middleton, Clarksfork.

*Lake.*—John J. Murray, Belmont (Exp. Bayview).

*Naples.*—Francis L. Mackey, Naples.

*Moyie.*—W. O. Blackman, Sinclair (Exp. Snyder).

*Port Hill.*—F. B. Cassler, Copeland.

*Timber Sale.*—J. H. Watson, scaler ; Walter Glen, ranger.

**Selway.**—Frank J. Jefferson, Kooskia (WU) ; Francis T. Carroll, fire assistant ; C. F. Makibbin, forest assistant ; Miles L. Marsh, senior clerk.

*Ranger District: Bear Creek.*—F. M. Cossitt, Kooskia ; Albert Campbell, ranger.

*Fish Lake.*—A. E. Kolmorgan, Kooskia.

*Moose Creek.*—J. A. Parsell, Kooskia.

*Meadow Creek.*—C. S. Crocker, Kooskia ; J. H. Ruberson, ranger.

*Middle Fork No. 1.*—C. A. MacGregor, Kooskia ; Albert Kauffman, ranger.

*Middle Fork No. 2.*— ———, Kooskia.

**St. Joe.**—Charles K. McHarg, jr., Coeur d'Alene (WU); Wallace W. Weber, deputy supervisor; Ashley J. Roche, fire assistant; C. McArthur, senior clerk.

*Ranger District: Palouse.*—William H. Daus, Princeton.

*Avery.*—Clyde D. Blake, Avery.

*Wards Peak.*—A. F. Space, Avery.

*Roundtop.*—Franklin Girard, Avery.

*Pole Mountain.*—B. A. Yaak, Avery.

#### MONTANA.

**Absaroka.**—Ernest W. Shaw, Livingston (WU); W. I. White, forest examiner; E. M. Kapp, senior clerk.

*Ranger District: Deer Creek.*—Louis E. Ewan, jr., Reed Point (Exp. Grey Cliff).

*Main Boulder.*—Harry S. Kauffman, McLeod (Exp. Big Timber).

*West Boulder.*—Louis C. Regan, Swingley (Exp. Livingston).

*Yellowstone.*—Eric P. White, Carbella.

*Park.*—H. M. Crane, Gardiner.

*Big Timber.*—L. P. McKnight, Big Timber.

*Cottonwood.*—Clive Galbraith, Lebo (Exp. Martinsdale).

*Shields.*—Arthur D. Moir, jr., Wilsall.

**Beartooth.**—R. Trevor, Fergusson, Billings (WU); William L. Lay, deputy supervisor; Mary E. Parr, senior clerk.

*Ranger District: Rock Creek.*—Floyd I. Dewald, Red Lodge; W. H. Larsen and Arthur L. Olson, rangers.

*Rosebud.*—Ernest R. Vick, Luther (Exp. Red Lodge).

*Stillwater.*—Jay J. McGlynn, Limestone (Exp. Columbus).

*Pryor.*—Guy O'Neil, Bowler (Exp. Bridger).

**Beaverhead.**—John B. Somers, Dillon (WU); G. E. Martin, deputy supervisor; R. W. Beeson, grazing assistant; Fred P. Simons, senior clerk.

*Ranger District: Melrose.*—John W. Long, Melrose.

*Wisdom.*—A. W. Vogelsang, Wisdom (Exp. Divide).

*Jackson.*—Hubert D. Bushey, Jackson (Exp. Dillon).

*Argenta.*—H. B. Brown, Argenta (Exp. Dillon).

*Horse Prairie.*—August A. Schroeder, Grant.

*Sheep Creek.*—Albert Yochelson, Dell.

*Battlefield.*—Marshall G. Ramsey, Wisdom (Exp. Divide).

*Wise River.*—Phillip A. Clack, Wise River.

**Bitterroot.**—John W. Lowell, Hamilton (WU); William M. Nagel, forest examiner; J. P. Brown, fire assistant; Hettie Millis, senior clerk.

*Ranger District: Stevensville.*—Donald B. McGregor, Stevensville.

*Corvallis.*—Winthrop H. Young, Corvallis.

*Darby.*—Nathaniel E. Wilkerson, Darby.

*Ross Hole.*—Clyde W. Shockley, Sula.

*West Fork.*—Thomas J. Donica, Darby.

*Salmon Mountain.*—James D. Vance, Darby

**Blackfeet.**—Leslie F. Vinal, Kalispell (WU) ; W. L. Baldwin, deputy supervisor ; C. J. Hash, fire assistant ; Le Vaughn Beaman, senior clerk.

*Ranger District: Upper North Fork.*—George R. Steppler, Polebridge (Exp. Columbia Falls).

*Lower North Fork.*—M. S. Spink, Columbia Falls.

*Olney.*—Kenneth Masters, Olney.

*Wolfe-Kila.*—L. H. Brown, Pleasant Valley (Exp. Kalispell).

*Fortine.*—Irving R. Jensen, Trego (Exp. Fortine).

*Tally Lake.*—Paul F. Redlingshafer, Whitefish.

**Cabinet.**—James F. Ryan, Thompson Falls (WU) ; John S. Bowen, fire assistant ; I. V. Anderson, forest assistant ; Carl H. Siria, ranger ; George W. Buxton, senior clerk.

*Ranger District: Thompson River.*—Harry F. Ransom, Marion.

*Thompson Falls.*—Fred E. Brown, Thompson Falls.

*Trout Creek.*—Howard R. Larsen, Larchwood (Exp. Trout Creek).

*Noxon-Bull River.*—Benjamin F. Saint, Noxon.

*Plains.*—Neil L. Eplin, Plains.

**Custer.**—James C. Whitman, Miles City (WU, C) ; Wm. E. Lockhart, deputy supervisor ; E. W. Hartwell, forest examiner ; Mary E. McClain, senior clerk.

*Ranger District: Ekalaka.*—Jacob O. Thompson, Ekalaka (Exp. Miles City).

*Long Pine.*—Otto E. York, Camp Crook, S. Dak. (Exp. Miles City).

*Short Pine.*—L. W. Shevling, forest guard, Harding, S. Dak. (Exp. Miles City).

*Slim Buttes.*—Robert L. Harris, Gill, S. Dak. (Exp. Miles City).

*Cave Hills.*—Glen L. Dodge, Cox, S. Dak. (Exp. Miles City).

*Whitetail.*—James N. Templar, Stacey (Exp. Miles City).

*Twenty Mile.*—Warren Akers, Ashland (Exp. Miles City).

*Otter.*—Robert B. Rolfe, Ashland (Exp. Miles City).

*Poker Jim.*—Glen Flathers, Ashland (Exp. Miles City).

**Deerlodge.**— ———, Butte (WU, P, C) ; Thomas A. Clapp, deputy supervisor ; John C. Ketrige, forest examiner ; Olive Leaf, senior clerk.

*Ranger District: Deer Lodge.*—Lorenzo D. Williamson, Deer Lodge ; C. G. Hardtla, ranger.

*Big Hole.*—A. E. Cole, Fishtrap (Exp. Anaconda).

*Fleecer.*—W. V. Jefferson, Divide.

*Butte.*—W. F. Simons, Butte.

*Pipestone.*—Murray E. Skillman, Grace

*Whitetail.*—H. H. Mills, Whitehall

*Boulder.*—C. B. Stillinger, Basin ; C. F. Ulhorn, ranger.

*Anaconda.*—E. W. Kurtz ; R. F. Nicodemus, ranger.



**Flathead.**—Joseph D. Warner, Kalispell (WU) ; Kenneth Wolfe, deputy supervisor ; Clyde S. Webb and Alfred L. Rossman, lumbermen ; F. F. Liebig, ranger ; Elizabeth P. Dill, senior clerk.

*Ranger District: Essex.*—Orin V. Clover, Essex.

*Coram.*—James E. Ready, Coram.

*Echo.*—John E. Thompson, Creston (Exp. Kalispell).

*Spotted Bear.*—Henry J. Thol, Coram.

*Big River.*—Thomas M. Wiles, Essex.

*Upper Swan.*—E. H. Billsborough, Swan Lake (Exp. Kalispell).

*Lower Swan.*—A. J. Halvorson, Swan Lake (Exp. Kalispell).

*Upper South Fork.*—Ray I. Trueman, Coram.

*Lower South Fork.*—Ansley E. Hutchinson, Coram.

**Gallatin.**—Burr W. Clark, Bozeman (WU, C) ; C. B. Swin, national forest examiner ; Edward J. Hoel, senior clerk.

*Ranger District: Upper Gallatin.*—Joseph E. Callahan, Eldridge (Exp. Salesville).

*Squaw Creek.*—W. A. Chipperfield, Salesville.

*Middle Creek.*—Albert H. Nee, Bozeman.

*Yellowstone.*—Lester H. McLean, Emigrant.

*Bridger.*—Edward F. Foreman, Bozeman.

*Flathead.*—Fred E. Ainger, Wilsall.

**Helena.**—Arthur H. Abbott, Helena (WU, P) ; Guy M. Brandborg, deputy supervisor ; Gladys I. Jackson, senior clerk.

*Ranger District: Deep Creek.*—Earl V. Welton, Townsend.

*Duck Creek.*—Bertram A. Goodman, Canton (Exp. Townsend).

*Smith River.*—John R. Jones, Watson (Exp. Townsend).

*Nelson.*—Calvin E. Barrick, Nelson (Exp. Helena).

*McClellan.*—C. F. Martineau, jr., Clancy.

*Crow Creek.*—Ray M. Kingsley, Radersburg (Exp. Toston).

*Helena.*—David H. Lewis, Helena.

*Blackfoot.*—M. D. Mizner, Elliston.

**Jefferson.**—Wilford H. Willey, Great Falls (WU, P, C) ; Edward J. Yeomans and Adolph Weholt, deputy supervisors ; Ella M. Trieckler, senior clerk.

*Ranger District: Tenderfoot.*—A. L. Giddings, Campsite (Exp. Logging Creek).

*Belt Creek.*—S. C. Sanderson, Neilhart.

*Dry Wolf.*—Ralph E. Dickinson, Stanford.

*Judith River.*—Thomas G. Myers, Utica (Exp. Hobson).

*East End and West Snowies.*—David Lake, Judith Gap.

*Mussellshell.*—John P. Bouham, Martinsdale.

*Sheep Creek.*—Emery E. Wilson, White Sulphur Springs.

*Castle Mountains.*—W. M. Laybourn, White Sulphur Springs.

*Snowy Mountains East.*—Leon L. Lake, Heath.

*Highwood Mountains.*—Stacey Eckert, Highwood.

*Little Rockies.*—A. W. Armstrong, Zortman (Exp. Dodson).



**Kootenai.**—Arthur M. Baum, Libby (WU) ; Justin K. Dwinelle, fire assistant ; Sam R. Broadbent, forest assistant ; K. A. Klehm, ranger ; Adelaide Erdman, senior clerk.

*Ranger District: Upper Yaak-Sylvanite.*—Frank J. Pillsbury, Troy.

*Lower Yaak.*—John D. Brooks, Troy.

*Cabinet.*—J. P. Baldwin, Troy.

*Libby.*—Perry R. Rogers, Libby.

*Swamp Creek.*—E. A. Woods, Libby.

*Pleasant Valley.*—Alvin E. Beckwith, Manicke (Exp. Libby).

*Warland.*—Leland E. Tripp, Warland.

*Rexford.*—L. H. Brown, Rexford.

*Troy.*—Howard McGill, Troy.

*Pipe Creek.*—J. D. Brooks, Libby.

*Timber Sale.*—J. H. Bosworth, scaler.

**Lewis and Clark.**—Eldon H. Myrick, Choteau (WU, C) ; William M. Rush, deputy supervisor ; Iphi Mills, senior clerk.

*Ranger District: Lubec.*—L. J. Howard, Glacier Park.

*Teton.*—C. A. Butler, Choteau.

*Sun River.*—H. H. Hendron, Gilman.

*Willow Creek.*—Harry H. Halvorson, Augusta (Exp. Gilman).

*Dearborn.*—J. C. De Groat, Augusta (Exp. Gilman).

*Blackleaf.*—C. L. McVey, Blackleaf (Exp. Bynum).

**Lolo.**—Edgar F. White, Missoula (WU, P, C) ; Ernest T. Wolfe, deputy supervisor ; Lucile Hammond, senior clerk.

*Ranger District: Lolo.*—Edward Mackey, Lolo ; A. B. Hodgins, ranger.

*Powell.*—Edward Mackay, Lolo ; S. L. McNelly, ranger.

*Frenchtown.*—A. T. Macnab, Frenchtown.

*Quartz.*—George H. Hankinson, Tarkio.

*Superior.*—L. F. Jefferson, Superior.

*Savenae.*—Frank D. Haun, Haugan.

*St. Regis.*—Bert Harris, St. Regis.

*Elk Summit.*—W. J. Bell, Lolo.

**Madison.**—Walter J. Derrick, Sheridan (WU) ; Wm. A. Schowe, deputy supervisor ; Elva J. Leach, senior clerk.

*Ranger District: Sheridan.*—Harvey B. Rust, Sheridan.

*Pony.*—Claget Sanders, Pony.

*Bear Creek.*—Homer C. Bosworth, Cameron (Exp. Norris).

*Basin.*—W. A. Donaldson, West Yellowstone.

*Lyon.*—Arthur T. Smith, Lyon.

*Ruby.*—Ben. P. Martin, Alder.

*Wall Creek.*—Frank D. Riggle, Abe (Exp. Norris).

*Timber Sale.*—Edward A. Hupe, scaler.

**Missoula.**—Rutledge Parker, Missoula (WU, P, C) ; John H. Clack, fire assistant ; Alice Sheedy, senior clerk.

*Ranger District: Philipsburg.*—A. Price Townsend, Philipsburg.

*West Fork.*—H. R. Richards, Philipsburg.

*Bonita.*—Lewis G. Nichols, Bonita.

*Seely Lake.*—August J. Riggert, Seely Lake (Exp. Missoula).

*Monture.*———, Ovando (Exp. Missoula).

*Gold Creek.*—R. A. Cherry, Bonner (Exp. Missoula).

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## DISTRICT 2.

### ROCKY MOUNTAIN DISTRICT.

Colorado, Wyoming, South Dakota, Nebraska, northern Michigan, and northern Minnesota. Office, New Federal Building, Denver, Colo.

**ALLEN S. PECK**, district forester.

**PUBLIC RELATIONS.**—H. N. Wheeler.

**LAW.**—Office of the Solicitor (Forest Service branch). W. J. Ise, assistant to the solicitor.

**FINANCE AND ACCOUNTS.**—Joel I. Buckner, chief of office and fiscal agent ; V. W. Campbell, district fiscal agent.

**OPERATION.**—C. M. Granger, assistant district forester ; John McLaren, fire protection ; Peter Keplinger, training.

**STATE COOPERATIVE FIRE PROTECTION UNDER THE WEEKS LAW.**—South Dakota : John McLaren. Michigan, Minnesota, and Wisconsin : Crosby A. Hoar, 312 Torrey Bldg., Duluth, Minn.

**MAINTENANCE.**—C. A. Neeper.

**FOREST MANAGEMENT.**—M. W. Thompson, assistant district forester ; Earl W. Tinker, forest examiner ; J. A. Donery, lumberman.

**TIMBER SURVEYS AND INSECT CONTROL.**—W. J. Pearce, forest examiner.

**PLANTING.**—Fred R. Johnson.

**GRAZING.**—John H. Hatton, assistant district forester ; Lynn H. Douglas, inspector of grazing.

**STUDIES.**—Lynn H. Douglas, inspector of grazing ; Jesse M. Mann, grazing examiner ; Frank H. Rose, grazing assistant.

**LANDS.**—C. J. Stahl, assistant district forester ; Thos. M. Moorman, assistant ; Arthur H. Carhart, recreation engineer.

**ENGINEERING.**—Fred D. Mendenhall, district engineer ; J. L. Brownlee, assistant district engineer.

**MAPS AND SURVEYS.**—J. Burgess.

**Drafting.**—L. S. Good.

## NATIONAL FORESTS.

## COLORADO.

**Arapaho.**—John V. Leighou, Hot Sulphur Springs (WU) ; J. C. McCallister, lumberman ; A. E. Straub, jr., senior clerk.

*Ranger District: Williams Fork.*—Walter W. Wolf, Scholl (Exp. Parshall).

*Fraser.*—Ralph A. Polhemus, Fraser.

*Sulphur.*—J. L. Glendenning, Hot Sulphur Springs.

*North Park.*—Frank R. Crow, Rand (Exp. Walden).

*Timber Sale.*—Carl L. During and John F. Johnston, Fraser.

**Battlement.**—Ray Peck, Grand Junction (WU) ; Cora L. Jorgensen, senior clerk.

*Ranger District: Grand River.*—M. S. Hulse, Rifle.

*Muddy.*—W. F. Gilliam, Paonia.

*Lakes.*—J. B. Robinson, Cedaredge (Exp. Delta).

*Mesa.*—D. E. Basham, Mesa (Exp. De Beque).

*Collbran.*—G. L. Sanders, Collbran.

**Cochetopa.**—Fred B. Agee, Salida (WU) ; Clarence E. Taylor, forest examiner ; Victor H. Frey, executive assistant.

*Ranger District: Carnero.*—Tibo Gallegos, Saguache.

*Saguache.*—Frank L. Trickel, Saguache (Exp. Moffat).

*Bonanza.*—Flor C. Corbit, Villa Grove.

*Poncha.*—Joseph M. Cuenin, Salida.

*Tomichi.*—W. E. Shropshire, Sargents.

*Cebolla.*—John A. Stavely, Parlin.

**Colorado.**—Wm. R. Kreutzer, Fort Collins (WU) ; Lee P. Brown, forest examiner ; G. C. Hougham, executive assistant.

*Ranger District: Boulder.*—Lon H. Ulrich, Boulder.

*Estes Park.*—Josephus Ryan, Estes Park.

*Buckhorn.*—R. R. Willey, Masonville (Exp. Fort Collins).

*Poudre.*—Gilbert N. Hunter, Fort Collins.

*Livermore.*—Hugh B. Curry, Log Cabin.

*North Park.*—L. H. Carr, Glendevy.

*Timber Sale.*—John W. Delaney and Glenn Dalton, Foxpark, Wyo.

**Gunnison.**—Theodore Krueger, Gunnison (WU) ; Ray R. Clarke, deputy supervisor ; Maude G. Bray, senior clerk.

*Ranger District: Pitkin.*—Jesse L. Trickel, Pitkin.

*Taylor Park.*—Wm. A. Potter, Pitkin.

*Crested Butte.*—Henry L. Spencer, Crested Butte.

*Anthracite.*—Edwin L. Miller, Baldwin (Exp. Gunnison).

*North Fork.*—Thomas H. Thurman, Paonia.

*Sapinero.*—G. M. Sprague, Sapinero.

*Black Mesa.*—B. C. Heilman, Crawford (Exp. Hotchkiss).



**Holy Cross.**—Alve L. Richey, Glenwood Springs (WU) ; G. M. Hunter, deputy forest supervisor ; Frank W. Becker, senior clerk.

*Ranger District: Sheephorn.*—H. E. Flack, Radium.

*Red Cliff.*—W. M. Scanlan, Red Cliff.

*Avon.*—L. L. Segur, Minturn.

*Eagle.*—Wm. S. Brown, Eagle.

*Frying Pan.*—V. C. Holcomb, Basalt.

*Capital Creek.*—Harold B. Perkins, Woody.

*Aspen.*—L. C. Shoemaker, Aspen.

*Crystal River.*—R. M. Bradshaw, Carbondale.

**Leadville.**—Harold L. Borden, Leadville (WU, P) ; Frank E. Hausherr, forest assistant ; Mary B. Hughes, senior clerk.

*Ranger District: Buena Vista.*—James L. Frame, Buena Vista.

*Leadville.*—Harry J. Smith, Leadville.

*Dillon.*—Edward F. Heaton, Dillon.

*Blue River.*—Stanley A. Mahan, Dillon.

*South Park.*—Raymond O. Taylor, Fairplay.

**Montezuma.**—A. F. C. Hoffman, Mancos (WU) ; Chester A. Lee, grazing assistant ; M. R. Kennedy, senior clerk.

*Ranger District: Mancos.*—J. Ward Emerson, Mancos.

*Dolores.*—H. E. Kauffman, Dolores.

*Glade.*—D. S. Thomas, Dolores.

*Norwood.*—W. I. Wilson, Norwood.

*Telluride.*—Rich R. Thompson, Telluride.

*Rico.*—James G. Cayton, Rico.

**Pike.**—Ress Philips, Colorado Springs (WU, P) ; Everard S. Keithley and L. C. Anderson, forest examiners ; L. T. Mahurin, executive assistant. Monument Nursery, W. H. Schrader, planting assistant, Monument.

*Ranger District: Clear Creek.*—W. B. Kelso, Idaho Springs.

*Jefferson.*—J. B. Fitzsimmons, Cassels (Exp. Weller).

*South Platte.*—F. C. Parret, Buffalo Creek (Exp. Pine Grove).

*Lake George.*—R. H. Treupel, Lake George (Exp. Divide).

*Devils Head.*—Fred Stell, Woodland Park.

*Pikes Peak (N).*—F. F. Poley, Cascade (Exp. Colorado Springs).

*Pikes Peak (S).*—J. H. Patterson, Colorado Springs.

**Rio Grande.**—R. E. Clark, Monte Vista (WU) ; Walter F. Bowers, deputy supervisor ; Eric A. Johnson, forest assistant ; Lillie M. Grubb, senior clerk.

*Ranger District: Pyramid.*—E. L. Bennett, Creede.

*Creede.*—Roy M. Truman, Creede.

*Alder.*—J. L. Nelson, South Fork.

*South Fork.*—J. A. Hagerman, South Fork.

*Del Norte.*—William M. Darley, Monte Vista.

*Conejos.*—Frank H. Maxwell, Antonito.



**Routt.**—Wallace J. Pearce, Steamboat Springs (WU) ; Cleland H. Vaux, forest assistant ; Agnes McNair, senior clerk.

*Ranger District: Park Range.*—G. P. McClanahan, Coalmont.

*Gore.*—Charles W. Euler, Yampa.

*Steamboat.*—Dewey S. Wright, Steamboat Springs.

*Hahn's Peak.*—Dean H. Leonard, Clark.

*Snake River.*—William F. Cochran, Columbine (Exp. Steamboat Springs).

*Bears Ears.*—Percy Ray, Craig.

**San Isabel.**—Albin G. Hamel, Pueblo (WU) ; S. E. Doering, deputy supervisor ; Fay A. Kendig, senior clerk.

*Ranger District: Hardscrabble.*—J. J. Lowell, Wetmore (Exp. Florence).

*Greenhorn.*—Harry Friend, Rye (Exp. Pueblo).

*Westcliffe-Salida.*—Neal O. McKinley, Westcliffe.

*San Luis.*—Harry S. Dunn, Crestone.

*Blanca.*—Paul Gilbert, Gardner (Exp. Walsenburg).

*Las Animas.*—Karl Gilbert, La Veta.

**San Juan.**—H. Earl French, Durango (WU) ; Charles B. Mack, deputy supervisor ; Teresa V. Fackerell, senior clerk.

*Ranger District: La Plata.*—James C. Maloy, Hesperus.

*Engineer.*—Lewis R. Rist, Durango.

*Animas.*—Thomas E. Price, Durango.

*Pine.*—Harry D. Hauser, Bayfield (Exp. Ignacio).

*Chimney.*—Frank E. Loring, Bayfield.

*Piedra.*—James B. Beals, Debs (Exp. Pagosa Springs).

*Pagosa.*—Paul D. Irwin, Pagosa Springs.

*Treasurer.*—Frank McDaniel, Pagosa Springs.

*Blanco.*—Harry L. Norris, Pagosa Springs.

**Uncompahgre.**—Harry H. French, Delta (WU) ; Karl G. Brown, executive assistant.

*Ranger District: North End.*—Elmer F. Reed, Grand Junction.

*Delta.*—John H. Keep, Delta.

*Miguel.*—R. C. Miller, Nucla.

*Ouray.*—Thomas J. Watkins, Ouray.

*Alpine.*—William Doran, Lake City.

**White River.**—James A. Blair, Glenwood Springs (WU) ; Harry D. Cochran, forest assistant ; Ralph W. Gray, executive assistant.

*Ranger District: Sleepy Cat.*—S. E. Alderson, Marvine (Exp. Meeker).

*Williams Fork.*—Bert L. Miller, Pagoda (Exp. Craig).

*Bear River.*—Elmer E. Stephenson, Yampa.

*Burns Hole.*—Felix E. Read, Riland.

*New Castle.*—George A. Powell, New Castle.

*Miller Creek.*—James R. Abl, Buford.

*Shoshone.*—R. W. McDonald, Glenwood Springs.

## MICHIGAN.

Michigan.—R. G. Schreck, East Tawas (WU) ; Charlotte H. Heinemann, senior clerk. Beal Nursery, Ralph H. Johnson, ranger, East Tawas.

*Ranger District: Tawas.*—Byron L. Groesbeck, East Tawas.

*Mio.*—Victor J. Dayharsh, Milo (Exp. Rose City).

*Marquette.*—Fred A. Woleben, Racó.

## MINNESOTA.

Minnesota.—G. E. Marshall, Cass Lake (WU) ; Harry D. Petheram, forest assistant; R. W. Henry, senior clerk. Cass Lake Nursery.

*Ranger District: Cass Lake.*—M. J. Cummings, Cass Lake.

*Bena.*—Matt Soderback, Bena.

*Cutfoot Sioux.*—George Farley, Deer River (Exp. Bena).

*Superior.*—C. A. Dahlgren, Ely (WU) ; Wm. L. Barker, Jr., forest assistant; F. A. Kelly, ranger; Joseph Pluth, senior clerk.

*Ranger District: Sioux River.*—John G. Handberg, Buyck (Exp. Orr).

*Sawbill.*—J. E. Mulligan, Grand Marais.

*Island Lake.*—M. J. Valentine, Grand Marais.

*Big Lake.*—Oscar A. Heikkila, Ely.

*Stony.*—Thos. A. Denley, Ely.

*Kawishiwi.*—Frank Carney, Ely.

*Brule Lake.*—Charles Tayler, Grand Marais.

## NEBRASKA.

Nebraska.—Jay Higgins, Halsey (WU) ; George R. Boardman, senior clerk. Morton Nursery, Karl L. Janouch, ranger, Nenzel. Bessey Nursery, Harry C. Turner, planting assistant, Halsey; John A. Lubbe, ranger.

*Ranger District: Niobrara.*—John G. Lord, Nenzel.

## SOUTH DAKOTA.

Black Hills.—George A. Duthie, Deadwood (WU) ; S. D. Anderson, forest examiner; N. E. Peterson, lumberman; H. R. Soderston, ranger; William Tokola, senior clerk.

*Ranger District: Spearfish.*—Silas B. Helms, Savoy.

*Crook Mountain.*—Frank T. Smith, Sturgis.

*Hardy.*—Meredith Leitch, Lead.

*Rochford.*—C. L. Webber, Rochford.

*Merritt.*—Manford R. Hickel, Nemo.

*Pactola.*—Marion J. Webber, Pactola (Exp. Nemo).

*Nemo.*—S. H. Forrest, Nemo.

*Bearlodge.*—William A. Robison, Aladdin, Wyo.

*Black Buttes.*—George A. Price, Savoy.

*Timber Sale.*—Theo. Cochran, Mystic.

**Harney.**—James F. Conner, Custer (WU) ; Cyril B. Webster, forest assistant ; W. C. Robert, senior clerk.

*Ranger District: Keystone.*—George S. Haynes, Keystone (Exp. Hill City).

*Hill City.*—Charles H. Fox, Hill City.

*Bear Mountain.*—E. W. Hedlun, Custer.

*Custer.*—H. A. Gould, Custer.

*Pringle.*—N. E. Hibbard, Pringle.

*Elk Mountain.*—Clair V. Cooke, Lauzon.

*Limestone.*—Guy Wickard, Newcastle, Wyo.

#### WYOMING.

**Bighorn.**—John W. Spencer, Sheridan (WU) ; P. V. Woodhead, deputy supervisor ; F. L. Archer, executive assistant.

*Ranger District: Porcupine.*—Earl W. Snelling, Lovell.

*Tongue.*—Y. Z. David, Dayton (Exp. Ranchester).

*Shell.*—Frank E. Blankenship, Shell (Exp. Greybull).

*Paintrock.*—Bly Dickson, Hyattville (Exp. Manderson).

*Goose.*—J. S. Veeder, Big Horn (Exp. Sheridan).

*Buffalo.*—C. B. Morgareidge, Buffalo.

*Tensleep.*—F. P. Legat, Tensleep (Exp. Manderson).

**Hayden.**—James Blackhall, Encampment (WU, P) ; Ernest J. Bordahl, senior clerk.

*Ranger District: Big Creek.*—Reed A. Higby, Big Creek (Exp. Encampment via Walcott).

*Encampment.*—Geo. P. Lang, Encampment (Exp. Walcott).

*North End.*—Richard R. Riggs, Saratoga (Exp. Walcott).

*Suake River.*—Penn L. Gooldy, Savery (Exp. Wamsutter).

**Medicine Bow.**—Huber C. Hilton, Laramie (WU, P) ; K. J. Helmick, lumberman ; James M. Walley, forest assistant ; Louis E. Coughlin, executive assistant.

*Ranger District: Foxpark.*—Frank E. Henry, Foxpark.

*Keystone.*—Carl A. Bode, Holmes (Exp. Albany).

*Bush Creek.*—Milton E. Ames, Saratoga.

*Bow.*—Bruce Torgny, Elk Mountain (Exp. Hanna).

*Sevenmile.*—Evan J. Williams, Centennial.

*Timber Sale.*—R. L. Clarke and Raymond U. Harmon, Foxpark ; F. V. Ostrowski, French.

**Shoshone.**—Andrew Hutton, Cody (WU) ; J. N. Langworthy, deputy supervisor ; Mrs. Margaret Hayden, senior clerk.

*Ranger District: Greybull.*—Frank E. McGrew, Pitchfork (Exp. Cody).

*North Fork.*—C. C. Spencer, Wapiti (Exp. Cody).

*South Fork.*—W. J. Petermann, Ishawooa (Exp. Cody).

*Sunlight.*—Chas. H. James, Painter (Exp. Cody).

*Clarks Fork.*—Fred R. Thomas, Painter (Exp. Cody).



**Washakie.**—Arthur M. Cook, Lander (WU) ; Wm. P. Apgar, forest assistant ; E. H. Peck, lumberman ; H. N. Kleiber, ranger ; Elsie Bayer, senior clerk.

*Ranger District: Absaroka.*—G. W. Goodson, Dubois.

*Sheridan.*—Jacob Baer, Dubois (Exp. Lander).

*Lander.*—Chalfan Stoddard, Lander.

*Timber Sale.*—Fred R. Bruto and John V. K. Wagar, Dunoir.

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## DISTRICT 3.

### SOUTHWESTERN DISTRICT.

Arizona and New Mexico. Offices, Gas and Electric Building, Albuquerque, N. Mex.

**FRANK C. POOLER**, district forester.

**LAW.**—Office of the Solicitor (Forest Service branch). A. McNaught, assistant to the solicitor.

**FINANCE AND ACCOUNTS.**—Albert Morris, chief of office and fiscal agent ; S. H. Busch, district fiscal agent.

**OPERATION.**—Aldo Leopold, assistant district forester ; James F. Mullen, district forest inspector, assistant chief.

**MAINTENANCE.**—H. B. Hammond, national forest examiner.

**FOREST MANAGEMENT.**—R. E. Marsh, assistant district forester ; D. M. Lang, lumberman ; Quincy Randles, district forest inspector.

W. H. Long, consulting pathologist, Albuquerque, N. Mex.

**GRAZING.**—John Kerr, assistant district forester ; J. A. Scott, district forest inspector, inspector of grazing ; C. K. Cooperrider, grazing examiner ; R. W. Hussey, grazing assistant.

**STUDIES.**—M. W. Talbot, grazing examiner.

**RECONNAISSANCE.**—H. O. Cassidy, H. K. Henderson, F. G. Renner, and R. F. Copple, grazing assistants.

**LANDS.**—John D. Jones, assistant district forester ; M. M. Cheney, district forest inspector.

**ENGINEERING.**—C. A. Long, district engineer.

**MAPS AND SURVEY.**— ———.

Drafting.—F. E. Landon.

Entry Survey.—T. F. Myers, surveyor.

**ROADS.**—C. A. Long, Minor Road Construction and Surveys, R. L. Hughes.

**WATER POWER.**—C. A. Long.

**PUBLIC RELATIONS.**—Joseph C. Kircher, assistant district forester ; Geo. H. Cook, executive assistant.



## NATIONAL FORESTS.

## ARIZONA.

**Apache.**—J. H. Sizer, Springerville (P—Exp. Holbrook); A. W. Voigt, supervisor; William Chernals, senior clerk.

*Ranger District: Alpine.*—Roy Swapp, Alpine (Exp. Holbrook).

*Baseline-Clifton.*—J. W. Girdner, deputy supervisor, Clifton; P. J. Wilson, ranger.

*Blue.*—David S. Marks, Blue (Exp. Holbrook).

*Eagle.*—Hugh Balke, Clifton (Exp. Holbrook).

*Greer.*—H. L. Haynes, Greer (Exp. Holbrook).

*Nutrioso.*—Jesse T. Fears, Nutrioso (Exp. Holbrook).

**Coconino.**—E. G. Miller, Flagstaff (WU, P); J. A. Adams, supervisor; A. B. Young, national forest examiner; M. Westveld, forest examiner; P. H. Harley, executive assistant.

*Ranger District: Beaver Creek.*—Walter Hackleman, Camp Verde.

*Bly.*—R. I. Stewart, Winslow.

*Flagstaff.*—M. L. Nichols, deputy supervisor, Flagstaff; C. L. Lincoln, ranger.

*Long Valley.*—W. J. Brown, Camp Verde (Exp. Clarkdale); C. N. Lochman.

*Mormon Lake.*—Roy H. Rice, Flagstaff.

*Munds Park.*—J. I. Bushnell, Cornville (Exp. Clarkdale); Oscar L. McClure, ranger.

*Rogers Lake.*—John L. Stevens, Flagstaff.

*Walnut Canyon National Monument.*—Neal Erickson, Flagstaff.

*Arizona Lumber & Timber Co. Sale.*—R. F. Rhinehart, lumberman, Flagstaff.

*Flagstaff Lumber Co. Sale.*—John J. Cummings, ranger-scaler, Flagstaff.

*McGonigle Lumber & Development Co. Sale.*—Kimberlin Carlisle, ranger-scaler, Flagstaff.

*Greenlaw Lumber Co. Sale.*—Fred V. Plomteaux, scaler, Flagstaff.

**Coronado.**—H. G. Calkins, Tucson (WU); F. L. W. Grubb, supervisor; C. W. McKenzie, deputy supervisor; Anita P. Kellogg, senior clerk.

*Ranger District: Santa Catalina.*—J. A. Frieborn, Oracle (Exp. Tucson).

*Huachuca.*—Robt. Thompson, deputy supervisor, Canmille (Exp. Huachuca); Olof J. Olson, ranger.

*Paradise.*—C. B. Scholefield, Rodeo, N. Mex.

*Pcloncillo.*—G. E. Galer, Cloverdale, N. Mex.

*Rincon.*—Frank D. Harris, Vail.

*Santa Rita.*—L. B. Smith, Vail.

*Sunset.*————, Douglas.

*Tumacacori.*—A. S. Wingo, Nogales.

*Dragoon-Whetstone.*—Edwin G. Mettler, Cochise.

- Crook.**—T. T. Swift, Safford (WU) ; W. L. Stiles, executive assistant.  
*Ranger District: Aravaipa.*—H. E. Chipman, Klondyke (Exp. Wilcox).  
*Pinal.*—C. V. Christensen, Globe.  
*Queen Creek.*—H. L. Taylor, deputy supervisor, Globe.  
*Mount Graham.*—R. D. Rowley, Safford.
- Prescott.**—H. Basil Wales, Prescott (WU) ; Robert Munro, national forest examiner ; R. L. Linton, senior clerk.  
*Ranger District: Bloody Basin.*—W. M. Michelson, Mayer ; F. L. McCament, ranger.  
*Cave Creek.*—R. H. Thompson, Cave Creek ; William Pradt, ranger.  
*Cherry.*—Paul R. Gray, Cherry (Exp. Cherry Creek).  
*Crown King.*—R. S. Taliaferro, Crown King.  
*Jerome.*—George Mutz, Jerome ; Walter Mutz, ranger.  
*Prescott.*—J. C. McNelty, deputy supervisor, Prescott.  
*Skull Valley.*—H. H. Higgins, Skull Valley.  
*Walnut Creek.*—E. H. Oldham, Simmons (Exp. Prescott) ; Ralph H. Anderson.
- Sitgreaves.**—P. H. Roberts, Holbrook (WU, P) ; L. R. Lessel, national forest examiner ; Fred Merkle, scaler ; A. G. McCloskey, senior clerk.  
*Ranger District: Chevalon.*—W. E. Baldwin, Winslow.  
*Heber.*—James L. Hall, Heber (Exp. Holbrook) ; S. Ross Hunt, ranger.  
*Lakeside.*—C. Shumway, Lakeside (Exp. Holbrook).  
*Pinedale Park.*—D. E. Slosser, Pinedale (Exp. Holbrook).  
*Showlow.*—L. S. Kartchner, Shumway (Exp. Holbrook).  
*Apache Lumber Co. Sale.*—Landis J. Arnold, ranger-scaler.
- Tonto.**—W. H. Goddard, Roosevelt (WU) ; F. L. Kirby, deputy supervisor ; Ruth S. Hargrave, senior clerk.  
*Ranger District: Mazatzal.*—Fred W. Croxen, Roosevelt (Exp. Globe).  
*Payson.*—R. C. James, Payson (Exp. Globe).  
*Pine.*—M. M. Bruhl, Pine (Exp. Globe).  
*Pleasant Valley.*—Monta R. Stewart, Young (Exp. Globe).  
*Salt River.*—A. I. Hall, Roosevelt (Exp. Globe).  
*Sierra Ancha.*—Guy B. Rencher, Spring Creek (Exp. Globe).
- Tusayan.**—G. W. Kimball, Williams (WU, P) ; H. N. Cope, supervisor ; Ves. B. Coffey, senior clerk.  
*Ranger District: Anita Moqui.*—J. E. Kintner, Williams.  
*Ash Fork.*—F. J. Cox, Ash Fork.  
*Chalender.*—Frank Bascom, Parks (Exp. Williams).  
*Spring Valley.*—Arthur Gibson, Parks (Exp. Williams).  
*Verde.*—Fred Haworth, Puntenney (Exp. Cedar Glade).  
*Williams.*—T. W. Rice, Williams.  
*Saginaw & Manistee Lumber Co. Sale.*—H. E. German and S. P. Roach, scalers ; E. L. Hamilton, forest assistant, Williams.

**Carson.**—E. W. Loveridge, Taos (WU) ; Evan W. Hadley, forest assistant ; C. R. Dwire, national forest examiner ; Luis P. Martinez, senior clerk.

*Ranger District: Canjilon.*—J. L. Hughes, Canjilon (Exp. Chama).

*Jicarilla.*—C. G. Harrington, Vaqueros (Exp. Dulce).

*Questa.*—L. F. Cottam, Questa (Exp. Jarosa).

*San Antone.*—R. L. Ground, Ortiz (Exp. Antonito).

*Servilleta.*—H. W. Naylor, Tusas (Exp. Tres Piedras).

*Vallecitos.*—W. E. Murk, Vallecitos (Exp. La Madera).

*Taos.*—Lloyd A. Brisbin, Taos (Exp. Taos Junction).

*Picuris.*— ———.

*Hallack and Howard Sale.*—W. J. Perry, lumberman, La Madera ; Charles Tattrie, ranger.

*Santa Barbara Exchange.*—W. R. Shoemaker, ranger.

**Datil.**—A. H. Douglas, Magdalena (WU) ; S. F. Wilson and H. D. Burrall, forest examiners ; W. J. Anderson, national forest examiner ; Anna E. Fraser, senior clerk.

*Ranger District: Baldwin.*—Frank Hiler, Datil (Exp. Magdalena).

*Black Range.*—F. L. McCament, Fairview (Exp. Engel).

*Elk Mountain.*—J. B. Crain, Datil (Exp. Magdalena) ; J. H. Dowell, ranger.

*Frisco.*—J. A. Simmons, deputy supervisor, Reserve (Exp. Magdalena) ; A. L. McSpadden, ranger.

*Jewett.*—Allen F. Bloom, Aragon (Exp. Magdalena).

*Luna.*—B. S. Rogers, Luna (Exp. Magdalena).

*Magdalena.*—S. Q. Garst, Magdalena.

*Red Rock.*—G. L. Beckwith, Monticello (Exp. Engle) ; Claude Fritz, ranger.

*Rosedale.*—Louis Ketcham, Rosedale (Exp. Magdalena).

*Tulerosa.*—Edw. L. McPhaul, Aragon (Exp. Magdalena) ; Harold Peckenpaugh, ranger.

**Gila.**—Frederic Winn, Silver City (WU) ; L. J. Putsch, supervisor ; W. J. Warner, deputy supervisor ; Warren M. Cox, executive assistant.

*Ranger District: Big Burros.*—B. F. Nabours, Tyrone.

*Black Range.*—J. R. Painter, Kingston (Exp. Lake Valley).

*Frisco-Mogollon.*—C. H. Bowen, Buckhorn (Exp. Silver City) ; Samuel G. Meigs, ranger.

*McKinney Park.*—Henry Woodrow, Cliff (Exp. Silver City).

*Mimbres.*—R. W. Wood, Mimbres (Exp. Santa Rita).

*Pinos Altos.*—C. E. Hulbert, Pinos Altos (Exp. Silver City).



**Lincoln.**—O. F. Arthur, Alamogordo (WU) ; R. C. Salton, forest examiner ; Simeon Strickland, lumberman ; James S. Oliver, senior clerk.

*Ranger District: Capitan.*—W. C. White, Lincoln (Exp. Capitan).

*Cloudcroft.*—W. H. Woods, jr., Cloudcroft ; John H. Mims.

*Gallinas.*—John H. Mims, Corona.

*Guadalupe.*—Lea Beall, Queen (Exp. Carlsbad).

*Mayhill.*—Geo. D. Russell, Mayhill (Exp. Cloudcroft).

*Ruidoso.*—G. W. Messer, Glencoe (Exp. Capitan).

*Weed.*—Ray E. King, Weed (Exp. Cloudcroft).

*White Mountain-Patos.*—Robert B. Ewing, Capitan ; R. V. Galt, ranger.

*Southwestern Lumber Co. Sale.*—Daniel Felts, Cloudcroft.

**Manzano.**—K. C. Kartchner, Albuquerque (WU, P) ; Jacob C. Nave, deputy supervisor ; C. H. Kissam, national forest examiner ; Susan R. C. Beyer, senior clerk.

*Ranger District: Northern.*—C. L. Warnock, Tijeras (Exp. Albuquerque).

*Southern.*—L. A. Shartzer, Mountainair ; George M. Flake, ranger.

*Mount Taylor.*—Louis H. Laney, Grants.

*Zuni.*—F. E. Brennan, McGaffey (Exp. Perea).

**Santa Fe.**—Frank E. Andrews, Santa Fe (WU, P) ; M. F. Pincett, deputy supervisor ; W. J. Doherty, national forest examiner ; Rex King, forest examiner ; M. J. Pettis, executive assistant.

*Ranger District: Borrego-Tesuque.*—W. J. Pinson.

*Chama-Gallina.*—J. A. Rodriguez, Coyote (Exp. Espanola) ; C. I. Peterson, ranger.

*Cochiti-Santa Clara.*—B. H. Brown, Bland (Exp. Domingo) ; C. E. Moore, ranger.

*Cuba.*—E. L. Perry, Senorito (Exp. Albuquerque).

*Panchuela.*—J. W. Johnson, Cowles (Exp. Glorieta).

*Mora-San Miguel.*—T. J. Ground, El Porvenir (Exp. Las Vegas).

*Sands.*—A. F. Martinez, Soham.

*Bandelier National Monument.*—L. D. Lemley, Santa Fe.

*Pecos Timber Sales.*—C. K. Harriman.

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## DISTRICT 4.

### INTERMOUNTAIN DISTRICT.

Utah, southern Idaho, western Wyoming, eastern and central Nevada, and northwestern Arizona. Office, Forest Service Building, Ogden, Utah.

R. H. RUTLEDGE, district forester.

PUBLIC RELATIONS.—F. S. Baker.

LAW.—Office of the Solicitor (Forest Service branch). E. S. French, assistant to the solicitor.



**FINANCE AND ACCOUNTS.**—Lee Stratton, chief of office and fiscal agent; A. C. Wycoff, district fiscal agent.

**OPERATION.**—Chas. D. Simpson, assistant district forester; C. F. Evans, minor roads, trails, and improvements; John Raphael, national forest examiner; Thomas V. Pearson, administrative assistant.

**STATE COOPERATIVE FIRE PROTECTION UNDER THE WEEKS LAW.**—Idaho; Chas. D. Simpson. I. H. Nash, State land commissioner, Boise, Idaho, collaborator.

**MAINTENANCE.**—W. B. Crites.

**FOREST MANAGEMENT.**—C. B. Morse, assistant district forester; S. S. Stewart, forest examiner.

**GRAZING.**—C. N. Woods, assistant district forester; Ernest Winkler, inspector of grazing.

**STUDIES.**—D. A. Shoemaker, grazing examiner; Fred P. Cronemiller, jr., and Thos. Lommasson, grazing assistants.

**LANDS.**—R. E. Gery, acting assistant district forester; S. B. Locke, forest examiner.

**ENGINEERING.**—J. P. Martin, district engineer; F. J. Ryder, administrative assistant.

**MAPS AND SURVEYS.**—M. S. Wright.

**Drafting.**—C. D. Jackson.

**Entry Surveys.**—C. J. Truscott.

**ROADS.**—J. P. Martin; Frank L. Allen, assistant.

**WATER POWER.**—J. P. Martin.

## EXPERIMENT STATION.

**Great Basin, Manti National Forest.**—Clarence L. Forsling and H. E. Malmsten, grazing examiners.

## NATIONAL FORESTS.

### ARIZONA.

**Kaibab.**—J. C. Roak, Kanab, Utah (WU)—Exp. Marysvale, Utah).

*Ranger District: Jacob Lake.*—James H. De Long, Kanab, Utah (Exp. Marysvale, Utah).

*Big Springs.*—Benjamin Swapp, Kanab, Utah (Exp. Marysvale, Utah).

### IDAHO.

**Boise.**—E. C. Shepard, Boise (WU), E. Grandjean, deputy supervisor; Mabel M. Sturgis, senior clerk.

*Ranger District: Long Gulch.*—John E. Irby, Lenox (Exp. Mountain Home).

*Cottonwood.*—John D. Selby, Barber (Exp. Boise).

*Idaho City.*—Walter T. Berry, Idaho City (Exp. Boise).

*Atlanta.*—Roscoe R. Davis, Atlanta (Exp. Mountain Home).

*Lick Creek.*—Warren C. Taylor, Lowman (Exp. Banks).

*Pine.*—Irvin M. Varner, Pine (Exp. Mountain Home).

**Caribou.**—Earl C. Sanford, Montpelier (WU) ; Robert W. Strong, deputy supervisor ; Lucile C. Krogue, senior clerk.

*Ranger District: Snake River.*—Jess E. Draney, Antelope (Exp. Ririe).

*Grays Lake.*—Robert E. Gordon, Wayan (Exp. Soda Springs).

*Freedom.*—Charles A. Spackman, Freedom, Wyo. (Exp. Montpelier).

*Auburn.*—James B. Bruce, Auburn, Wyo. (Exp. Montpelier).

*Soda Springs.*—Arthur Peterson, Soda Springs.

*Montpelier.*—Camas Nelson, Montpelier.

**Challis.**—David Laing, Challis (WU) ; Charles C. Shaw, ranger ; A. L. Moats, executive assistant.

*Ranger District: Challis.*—Willard Frost, Challis (Exp. Mackay).

*Clayton.*—John S. Malm, Clayton (Exp. Mackay).

*Loon Creek.*—Ned Foster, Stanley (Exp. Mackay).

*Stanley.*—Edgar P. Huffman, Stanley (Exp. Mackay).

**Idaho.**—L. F. Watts, McCall (WU, P) ; A. A. Casner, supervisor ; W. C. McCormick and C. W. Griffin, deputy supervisors ; C. A. Chitwood, ranger.

*Ranger District: Roseberry.*—W. A. Estep, Roseberry (Exp. Donnelly).

*Meadows.*—F. E. Gray, McCall.

*Burgdorf.*—N. A. Nann, Burgdorf (Exp. McCall).

*Warren.*—C. T. Gray, Warren (Exp. McCall).

*South Fork.*—Lee Kesler, Warren (Exp. McCall).

*Chamberlain.*—Jesse L. Rutledge, Warren (Exp. McCall).

*Middle Fork.*—Merle Wallace, Warren (Exp. McCall).

*Big Creek.*—F. L. Williams, Clover (Exp. McCall).

*Lake Fork.*—M. E. Mahoney, McCall.

**Lemhi.**—Orange A. Olsen, Mackay (WU) ; Howard J. Stratford, executive assistant.

*Ranger District: Medicine Lodge.*—Spencer H. Lawson, Winsper (Exp. Dubois).

*Little Lost River.*—Robert B. Johnson, Mackay.

*Pahsimeroi.*—Oscar F. Cusick, May (Exp. Mackay).

*Antelope.*—J. L. Phillips, Grouse (Exp. Mackay).

*Wildhorse.*—Carrol C. Pelton, Mackay.

**Minidoka.**—R. D. Garver, Burley (WU) ; Milo H. Deming, grazing assistant ; Evelyn Ferrin, senior clerk.

*Ranger District: Cassia West.*—C. E. Jensen, Rogerson.

*Cassia East.*—E. E. Stock, Oakley.

*Albion Mountain.*—H. L. Smith, Elba (Exp. Oakley).

*Raft River.*—J. H. Kroencke, Yost, Utah (Exp. Kelton, Utah).

*Black Pine.*—C. F. R. Boosinger, Strevell (Exp. Kelton, Utah).

*Sublett.*—Bert Mahoney, Sublett (Exp. Burley).

**Payette.**—Gny B. Mains, Emmett (WU) ; F. S. Moore, supervisor ; Francis Wallis, deputy supervisor ; L. J. Phelan, supervisor roads and trails ; Horace J. Burr, ranger ; A. P. Larson, senior clerk.

*Ranger District: West Mountain.*—Arthur Potter, Ola (Exp. Smiths Ferry).

*Garden Valley.*—Frank H. Miller, Garden Valley (Exp. Banks).

*Deadwood-Bear Valley.*—Graham E. McConnel, Garden Valley (Exp. Banks).

*Long Valley.*—John D. Parker, Cascade.

*Penn Basin.*—DeWitt Russell, Cascade.

*Middle Fork Salmon.*—Frank C. Hale, Cascade.

*Peace Valley.*—Andrew L. Bunch, Garden Valley (Exp. Banks).

*Johnson Creek.*—Lorin N. Wellman, Cascade.

**Salmon.**—S. C. Scribner, Salmon (WU) ; E. R. Renner, deputy supervisor ; Geo. O. Stevens, senior clerk.

*Ranger District: Indianola.*—Carlton F. Clark, Northfork (Exp. Salmon).

*Hughes Creek.*—Thomas A. Jerrell, Northfork (Exp. Salmon).

*Salmon.*—R. E. Allan, Salmon.

*Forney.*—Allen H. Wheeler, Leesburg (Exp. Salmon).

*Lemhi.*—Clarence D. Huestis, Lemhi.

*Leadore.*—Don M. Casterlin, Leadore.

**Sawtooth.**—M. S. Benedict, Hailey (WU) ; Richard F. Bowman, senior clerk.

*Ranger District: Greenhorn.*—N. C. Jensen, Hailey.

*Flowers.*—Virgil C. Moody, Ketchum.

*Pole Creek.*—W. H. Horton, Ketchum.

*Soldier.*—J. E. Minear, Fairfield.

*Shake Creek.*—A. T. Osborn, Featherville (Exp. Mountain Home).

**Targhee.**—S. W. Stoddard, St. Anthony (WU) ; David A. Arrivee and John N. Kinney, supervisors ; Theresa B. Harris, senior clerk.

*Ranger District: Spencer.*—Foster Steele, Spencer.

*Camas.*—K. C. Allan, Kilgore (Exp. Spencer).

*Big Springs.*—D. L. Enteman, Ashton.

*Hallie Park.*—Lemuel Steele, jr., deputy supervisor, Ashton.

*Poreupine.*—Ira Latham, Ashton.

*Rapid Creek.*—Ray Pickett, Driggs.

*Victor.*—Claud C. Shannon, Victor.

*Grandview.*—Francis Moss, Canyon Creek (Exp. Tetonia).

*Hawley Gulch.*—Arthur G. Nord, Heise (Exp. Rigby).

*Swan Valley.*—T. D. Cowan, Irwin.



**Weiser.**—W. B. Rice, Weiser (WU) ; O. W. Mink, deputy supervisor.  
*Ranger District: Indian Valley.*—Robert E. Clabby, Indian Valley (Exp. Cambridge).  
*Council.*—Elmer C. Ross, deputy supervisor, Council.  
*Mann Creek.*—Willard A. McDowell, Weiser.  
*Brownlee.*—Elmer E. McGinness, Cambridge.  
*Hornet.*—Ethel H. Fears, Council.  
*Bear.*—William J. Rafferty, Bear (Exp. Council).

## NEVADA.

**Humboldt.**—C. E. Favre, Elko (WU, P) ; Lewis B. Koch, deputy supervisor.  
*Ranger District: Independence.*—Charles E. Butler, Tuscarora (Exp. Elko).  
*Mountain City.*—L. E. McKenzie, Mountain City (Exp. Elko).  
*Gold Creek.*—C. D. Miller, Gold Creek (Exp. Elko).  
*Jarbridge.*—Thos. J. Wells, Jarbridge (Exp. Rogerson).  
*North Ruby.*—A. C. Rohwer, Arthur (Exp. Deeth).  
*South Ruby.*—J. W. Mink, Jiggs (Exp. Elko).  
*Paradise Valley.*—Paul L. Travis, Paradise Valley (Exp. Winnemucca).  
*Quinn River.*—R. M. Mathews, Rebel Creek (Exp. Winnemucca).  
*Three Creek.*—D. S. Chapman, Three Creek, Idaho (Exp. Rogerson, Idaho).  
**Nevada.**—Alexander McQueen, Ely (WU) ; Lillian R. Jones, senior clerk.  
*Ranger District: Baker.*—Graham S. Quate, Baker (Exp. Ely).  
*Berry Creek.*—George E. Moore, McGill.  
*Currant.*—Claude R. Townsend, Preston (Exp. Ely).  
*Spring Valley.*—Lloyd Robison, Aurum (Exp. Ely).  
**Toiyabe.**—J. W. McGowan, Austin (WU, P) ; C. M. Gwin, ranger ; Ruth L. Trolson, senior clerk.  
*Ranger District: Manhattan.*—A. W. Showl, Round Mountain.  
*Potts.*—Roy A. Brown, Potts (Exp. Austin).  
*Reese River.*—Ed. W. Johnson, Reese River (Exp. Austin).  
*Kingston.*—J. Wm. Griffith, Austin.

## UTAH.

**Ashley.**—Chas. DeMoisy, jr., Vernal (WU) ; Albert A. Hardy, ranger ; June P. Allan, senior clerk.  
*Ranger District: Manila.*—George W. Walkup, Manila (Exp. Green River, Wyo.).  
*Vernal.*—H. O. Van Tassell, Vernal.  
*Lonetree.*—Clyde Lambert, Lonetree, Wyo. (Exp. Carter, Wyo.).  
*Whiterocks.*—Thomas R. Parry, Whiterocks (Exp. Price).  
*Lake Fork.*—Albert E. Blood, Altonah (Exp. Price).



**Cache.**—Carl B. Arentson, Logan (WU) ; Margaret E. Jensen, senior clerk.

*Ranger District: Logan River.*—H. I. Rice, deputy supervisor, Logan. *Rich County.*—Vern A. Bird, Laketown (Exp. Paris, Idaho).

*High Creek.*—L. C. Smith, Smithfield.

*Bear Lake County.*—W. S. Averill, Paris, Idaho.

*Cub River.*—Leroy Lindsay, Minkcreek, Idaho (Exp. Preston, Idaho).

*Sherman Peak.*—F. O. Rowen, Soda Springs, Idaho.

*Pocatello-Portneuf.*—S. R. Justice, Pocatello, Idaho.

*Oxford and Elkhorn.*—W. H. Campbell, Malad, Idaho.

**Dixie-Sevier.**—William M. Mace, Cedar City (WU).

*Ranger District: Enterprise.*—Parley P. Peterson, Enterprise (Exp. Modena).

*Pine Valley.*—Samuel A. Macfarlane, Pine Valley (Exp. Modena).

*Leeds.*—Earl V. Storm, Leeds (Exp. Lund).

*Little Valley.*—William M. Hurst, Panguitch (Exp. Marysvale).

*Lowder.*—Keith A. Dodge, Cedar City (Exp. Lund).

*Harris Flat.*—Frank W. Seaman, Panguitch (Exp. Marysvale).

**Fishlake-Fillmore.**—C. A. Mattsson, Richfield (WU) ; James E. Gurr, deputy supervisory ; Allen C. Folster, senior clerk.

*Ranger District: Scipio.*—Bert L. Robins, Scipio (Exp. Juab).

*Fillmore.*—James Jensen, Fillmore (Exp. Oasis).

*Redvic.*—H. M. Christensen, Richfield.

*Koosharem.*—James H. Baldwin, Monroe (Exp. Elsinore).

*Belknap.*—Rex N. Barnard, Sevier.

*Gooseberry.*—John Barnard, Salina.

*Elkhorn.*—Albert Albertson, Loa (Exp. Sigurd).

*Fishlake.*—Chester Olsen, Koosharem (Exp. Sigurd).

*Mountain Ranch.*—Blaine Betenson, Salina.

*Big Flat.*—Wilford E. Tangren, Beaver (Exp. Milford).

**La Sal.**—Edmund B. Spencer, Moab (WU) ; Geo. M. O'Neill, senior clerk.

*Ranger District: Mesa.*—Lewis T. Quigley, deputy supervisor, Moab (Exp. Thompson).

*La Sal.*———, La Sal (Exp. Thompson).

*Monticello.*—Carroll J. Meador, Monticello (Exp. Thompson).

*Grayson.*—Marion P. Hunt, Blanding (Exp. Thompson) ; H. A. Tangren.

**Manti.**—J. W. Humphrey, Ephraim (WU) ; S. S. Van Boskirk, deputy supervisor ; Luella Christensen, senior clerk.

*Ranger District: Mount Baldy.*—Edward P. Cox, Manti.

*Clay Springs.*—D. H. Williams, Emery (Exp. Price).

*Seely Creek.*—Wells Thursby, Ephraim.

*Bear Creek.*—Byron A. Howard, Huntington (Exp. Price).

*Canyon View.*—Merrill Nielson, Mount Pleasant.

*Mammoth.*—Seth H. Ollerton, Fairview.

*Joe's Valley.*—P. M. V. Anderson, Orangeville (Exp. Price).

**Powell-Sevier.**—Wallace M. Riddle, Widtsoe (WU); Leo H. Nielson, senior clerk.

*Ranger District: Rabbit Valley.*—J. E. Hickman, jr., Teasdale (Exp. Salina).

*Escalante.*—Joseph J. Porter, Escalante (Exp. Marysvale).

*Johns Valley.*—Wallace H. Adair, Widtsoe (Exp. Marysvale).

*East Fork.*—Leland D. Heywood, Panguitch (Exp. Marysvale).

*Adams Head.*—Wilford Bentley, Panguitch (Exp. Marysvale).

**Uinta.**—W. W. Blakeslee, Provo (WU); Walter M. Campbell, deputy supervisor; Emma Evans, senior clerk.

*Ranger District: Duchesne.*—Fred O. Johnson, Duchesne.

*Springville.*—Parley C. Madsen, Springville.

*Soldier Summit.*—Charles H. Allred, Springville.

*Currant Creek.*—George C. Larson, Heber.

*Red Creek.*—Edson J. Adair, Heber.

*Hanna.*—James R. Ostler, Hanna (Exp. Duchesne or Park City).

*Payson.*—Wm. L. Huff, Payson.

*Nephi.*—A. P. Christiansen, Nephi.

**Wasatch.**—Dana Parkinson, Salt Lake City (WU, P); Walter G. Mann, supervisor; La Rue Greenig, senior clerk.

*Ranger District: Big Cottonwood.*—George A. Green, jr., Sandy (Exp. Midvale).

*Pleasant Grove.*—Vivian N. West, Pleasant Grove.

*Salt Lake.*—William W. Smith, Murray.

*Kamas.*—Morgan Parke, Kamas (Exp. Park City).

*Blacks Fork.*—Charles H. McDonald, Kamas (Exp. Park City).

#### WYOMING.

**Teton.**—A. C. McCain, Jackson (WU); John A. Evans, road construction and maintenance; E. P. Ellis, senior clerk.

*Ranger District: Buffalo.*—Richard H. Ohl, Moran (Exp. Victor, Idaho).

*Black Rock.*—Rudolph Rosencrans, Moran (Exp. Victor, Idaho).

*Faler.*—Roy Conner, Daniel (Exp. Opal).

*Horsetail.*—Bruce L. Coulter, Kelly (Exp. Victor, Idaho).

*Goosewing.*—Bruce L. Coulter, Kelly (Exp. Victor, Idaho).

*Jackson.*—Felix Buchenroth, Jackson (Exp. Victor, Idaho).

*Bryon Flat.*—William H. McKahan, Jackson (Exp. Victor, Idaho).

*Stewart.*—Charles S. Horel, Teton (Exp. Victor, Idaho).

*Lee.*—Earle W. Harris, Wilson (Exp. Victor, Idaho).

**Wyoming-Bridger.**—Charles A. Beam, Kemmerer (WU) ; Ernest E. McKee, deputy supervisor ; Archie Leroy Gibson, forest assistant ; W. R. Schofield, grazing assistant ; Isabel Smith, senior clerk.

*Ranger District: Kelly.*—William F. Hanke, Cokeville.

*Snyder Basin.*—William Ray, Big Piney (Exp. Opal).

*Sherman.*—Albert A. David, Merna (Exp. Opal).

*Bedford.*—Fred Graham, Afton (Exp. Montpelier, Idaho).

*Smoot.*—James T. Moffat, Smoot (Exp. Montpelier, Idaho).

*Kendall.*—Harry A. Cheeseman, Kendall (Exp. Rock Springs).

*Willow Creek.*—Robert E. Clark, Cora (Exp. Rock Springs).

*Fremont.*—Edmond V. Cockins, Pinedale (Exp. Rock Springs).

*Dutch Joe.*—Martin Murphy, Big Sandy (Exp. Rock Springs).

*Tie Sale.*—Chas. E. Brackett and Erwin G. Wiesehuegel, rangers. Kemmerer (Exp. Opal).

## DISTRICT 5.

### CALIFORNIA DISTRICT.

California and southwestern Nevada. Office, Ferry Building, San Francisco, Calif.

PAUL G. REDINGTON, district forester.

LAW.—Office of the Solicitor (Forest Service branch). H. P. Dechant, assistant to the solicitor.

FINANCE AND ACCOUNTS.—A. W. Smith, chief of office and fiscal agent ; P. A. Tucker, district fiscal agent.

OPERATION.—Robert L. Deering, assistant district forester ; L. W. Hess, executive assistant.

PERSONNEL AND INSPECTION.—Paul P. Pitchlynn, district forest inspector.

FIRE.—E. I. Kotok, forest examiner.

STATE COOPERATIVE FIRE PROTECTION UNDER THE WEEKS LAW.—California : E. I. Kotok.

LAW ENFORCEMENT.—C. V. Brereton, national forest examiner.

MAINTENANCE.—E. H. Schmieder.

Minor Roads, Trails, and Improvements.————, district forest inspector ; W. A. Huestis, national forest examiner.

TELEPHONE ENGINEERING.—F. H. Hafley, telephone engineer.

FOREST MANAGEMENT.—T. D. Woodbury, assistant district forester.

LOGGING ENGINEERING.—J. H. Price.

TIMBER SALES.—J. C. Elliott, lumberman.

TIMBER SURVEYS.—O. M. Evans, forest examiner.

FOREST PATHOLOGY (Bureau of Plant Industry).—E. P. Meinecke, consulting pathologist ; H. G. Lachmund, Charles D. Meissner, and Willis W. Wagener, assistants ; Frank L. Saltzman, superintendent, Experiment Station.

GRAZING.—Jesse W. Nelson, assistant district forester.



**STUDIES.**—R. R. Hill, district forest inspector; Fred D. Douthitt, grazing examiner.

**LANDS.**—L. A. Barrett, assistant district forester; George Miller, national forest examiner.

**MINERAL EXAMINATION, LAND CLASSIFICATION, and ENTRY SURVEYS.**—W. H. Friedhoff, mineral examiner.

**RESEARCH.**—S. B. Show, silviculturist; Duncan Dunning, forest examiner; Edward N. Munns, collaborator.

**FOREST PRODUCTS.**—C. L. Hill, forest examiner; C. Burdette Green, forest assistant; Carl A. Kupfer, collaborator.

**ENGINEERING.**—F. E. Bonner, district engineer.

**MAPS AND SURVEYS.**—S. N. Stoner; Don M. Hoffman.

**Drafting.**—H. A. Sedelmeyer.

**ROADS.**—F. D. Bowlus.

**WATER POWER.**—E. W. Kramer, S. H. Ketcham.

**PUBLIC RELATIONS.**—W. I. Hutchinson, Paul J. Fair, exhibits.

## NATIONAL FORESTS.

### CALIFORNIA.

**Angeles.**—R. H. Charlton, Los Angeles (WU, P); Earl V. Lackey, executive assistant.

*Ranger District: Pasadena.*—Thomas W. Sloan, deputy supervisor, Pasadena. Arroyo Seco Division: A. J. Mueller, Pasadena. Glendora Division: I. Kiermeyer, Glendora. Monrovia Division: F. H. Hayward, Sierra Madre. San Antonio Division: A. T. Shay, Upland. San Dimas Division: E. L. Buxton, San Dimas. San Fernando Division: Geo. H. Moore, San Fernando. San Gabriel Division: Ray McCormick, Azusa. Valvermo Division: L. H. Dorr, Valvermo. West Fork Division: F. H. Hayward, Sierra Madre.

*Ranger District: San Bernardino.*—Fred J. Jeken, deputy supervisor, San Bernardino. Banning Division: C. A. Morris, Banning. Big Bear Division: L. H. Anderson, Pine Knot. Burnt Mill Division: B. W. Switzer, Little Bear Lake. Cajon Division: Harry F. Burbank, Cajon. Lytle Creek Division: J. H. Hayden, Glenn Ranch. Mill Creek Division: J. H. Sanborn, Mentone. San Bernardino Division: ———, Del Rosa. Skyland Division: R. M. Tuttle, Crestline.

**California.**—J. D. Coffman, Willows (WU); William F. Derby, deputy supervisor; Robert J. Settles, executive assistant.

*Ranger District: Covelo.*—Douglas Robinson, Covelo (Exp. Dos Rios); Lester E. Remler, ranger.

*Paskenta.*—M. W. Durham, Paskenta (Exp. Corning); Paul E. Chesebro, ranger.

*Stonyford.*—R. G. Stites, Stonyford (Exp. Maxwell).

*Upper Lake.*—Raymond G. Steele, Upper Lake (Exp. Ukiah).

**Cleveland.**—S. A. Boulden, San Diego (WU); Anna B. Stephens, senior clerk.

*Ranger District: Descanso.*—J. B. Stephenson, Descanso (Exp. San Diego).

*Palomar.*———, Aguanga (Exp. Hemet).

*San Jacinto.*—A. J. Berg, Hemet.

*Trabuco.*—H. S. Snider, Corona.



- Eldorado.**—E. F. Smith, Placerville (WU) ; Margaret Lyon, senior clerk.  
*Ranger District: Calder.*—A. W. Hughes, Diamond Springs.  
*Georgetown.*—R. C. Berriman, Georgetown (Exp. Placerville).  
*Pacific.*—M. D. Morris, Camino (Exp. Placerville).
- Inyo.**—Thos. J. Jones, Bishop (WU) ; John S. Barnes, forest assistant ;  
 Leon J. Cranston, ranger ; H. H. Simpson, range appraisal ;  
 H. V. Beeks, executive assistant.  
*Ranger District: Big Pine.*—Wesley E. Hotelling, Big Pine.  
*Mammoth.*—Guy S. Way, Bishop.  
*Mount Whitney.*—E. E. Cuff, Lone Pine.  
*White Mountain.*—Chas. H. Simson, Bishop.
- Klamath.**—T. C. West, Yreka (WU) ; Perry J. Hill, acting deputy supervisor ; Harry R. Saxton, forest assistant ; H. J. Montgomery, scaler ; Louis Wessel, senior clerk.  
*Ranger District: Happy Camp.*—E. M. Sutcliffe, Happy Camp (Exp. Hornbrook).  
*Orleans.*—E. P. Hickey, Orleans (Exp. Eureka).  
*Salmon River.*—V. V. McReynolds, Sawyers Bar (Exp. Yreka).  
*Scott Bar.*—C. W. Sutcliffe, Scott Bar (Exp. Yreka).  
*Yreka.*—Harry N. Burket, Yreka.
- Lassen.**—C. E. Dunston, Sunsaville (WU) ; J. E. Elliott, deputy supervisor ; A. E. Weislander, forest examiner ; V. S. Brown, lumberman ; Knox McAnally, senior clerk.  
*Ranger District: Bogard.*—E. V. Patterson, Westwood.  
*Copperville.*—C. F. Conrad, Westwood.  
*Hat Creek.*—W. H. McKinnon, Hat Creek (Exp. Redding).  
*Magalia.*—W. L. Slater, Magalia ; F. B. Delaney, ranger.  
*Mineral.*—W. S. Williams, Mineral (Exp. Red Bluff) ; J. R. Baner, ranger.
- Modoc.**—W. G. Durbin, Alturas (WU) ; Leland S. Smith, grazing examiner ; Wm. S. Brown, executive assistant.  
*Ranger District: Big Valley.*—A. W. Bramhall, Adin (Exp. Alturas).  
*Doublehead.*—Harry Garrison, Malin, Oregon (Exp. Klamath Falls, Oreg.).  
*Devils Garden.*—J. C. Davis, Alturas.  
*Happy Camp.*—Ivan A. Cuff, Canby (Exp. Alturas) ; James S. Cherry, ranger.  
*North Warners.*—L. L. Smith, Willow Ranch.  
*South Warners.*—Ben L. Johnson, Cedarville (Exp. Alturas).
- Plumas.**—D. N. Rogers, Quincy (WU) ; Geo. R. Orr, lumberman ; John S. Everitt and W. E. Jotter, forest assistants ; Richard L. Wiley, executive assistant.  
*Ranger District: Beckwith.*—A. E. Gould, Blairsden.  
*Greenville.*—H. F. Wilcox, Greenville (Exp. Crescent Mills).  
*La Porte.*—Wm. Hayes, Challenge (Exp. Oroville).  
*Merrimac.*—Fred E. McMurphy, Merrimac (Exp. Oroville).  
*Milford.*—C. R. Mainwaring, Milford (Exp. Doyle).  
*Quincy.*—H. A. Kloppenburg, Quincy.  
*Yellow Creek.*—W. C. Bader, Chester (Exp. Crescent Mills).

**Santa Barbara.**—C. E. Jordan, Santa Barbara (WU, P) ; Wm. V. Mendenhall, deputy supervisor ; H. H. Hunt, range appraisal ; Clarence Wiley, executive assistant.

*Ranger District: Coast and Santa Ynez.*—H. R. Valentine, Santa Barbara.

*San Luis.*—Stephen J. Rhyne, Arroyo Grande.

*Zaca.*—J. L. Libeu, Los Olivos.

*Cuyama.*—Jacinto D. Reyes, Scheideck (Exp. Maricopa).

*Monterey.*—Clarence A. Chamberlain, King City.

*Ojai.*—Edw. B. Hamilton, Ojai.

*Saugus.*—Joseph Hanf, Newhall.

*Tejon.*—V. C. DeLapp, Gorman (Exp. Lancaster).

**Sequoia.**—F. P. Cunningham, Porterville (WU, P) ; Lee Slinkard, ranger ; H. L. Phelps, senior clerk.

*Ranger District: Breckenridge.*—Westley H. Rhodehamel, Caliente.

*Cannell Meadow.*—Ray Stevenson, Isabella (Exp. Caliente).

*Deer Creek.*—W. J. Brown, Hot Springs (Exp. Ducor) ; Joseph P. Lang, ranger.

*Greenhorn.*—Robert J. Beard, Glenville (Exp. Bakersfield).

*Kings Canyon.*—A. R. Lackey, Badger (Exp. Cutler) ; Roswell L. Tibbetts, ranger.

*Tule River.*—Wesley Snider, Springville.

**Shasta.**—J. R. Hall, Sisson (WU, P) ; Belknap C. Goldsmith, forest examiner ; L. N. Lorenzen, grazing examiner ; Millard M. Barnum, forest assistant ; F. C. Porter, senior clerk.

*Ranger District: McCloud.*—L. E. Overmyer, McCloud ; Everett Smith, ranger.

*Pitt.*—Frank Myers, Cayton (Exp. Bartle).

*Sacramento.*—Leslie T. Solaro, Sisson.

*Scott.*—F. H. Williams, Callahan (Exp. Gazelle).

*Square Creek.*—C. J. Johnson, Winthrop (Exp. Bully Hill) ; William H. Spargo, ranger.

*Trinity.*—A. E. Noren, Trinity Center (Exp. Redding).

**Sierra.**—M. A. Benedict, Northfork (WU, Exp. Fresno) ; Burnett Sanford and George M. Gowen, forest assistants ; Roy Boothe and John M. Hughes, rangers ; Mrs. Julia T. Shinn, senior clerk.

*Ranger District: High Sierra.*—James U. Poore, Pineridge (Exp. Cascada).

*Kings River.*—Isaac R. Bays, Pineridge (Exp. Cascada).

*Mariposa.*—Malcolm McLeod, Usona (Exp. Merced).

*Northfork.*—Audie K. Wofford, Northfork (Exp. Fresno) ; E. S. Mainwaring and Frank M. Sweeley, rangers.

*Pineridge.*—Frank Price, Big Creek (Exp. Cascada) ; J. W. Calvert, jr., and Wm. C. Godfrey, rangers.

**Stanislaus.**—J. V. Wulff, Sonora (WU) ; J. R. Berry, lumberman ; M. R. Brundage, forest assistant ; Claude R. Barker, ranger ; Lucile Weaver, senior clerk.

*Ranger District: American Camp.*—P. Y. Lewis, Columbia (Exp. Sonora).

*Calaveras.*—C. L. Boothe, Murphy (Exp. Angeles Camp) ; C. D. Merrill, ranger.

*Center Camp.*—B. F. Tyler, Confidence (Exp. Sonora).

*Riverside.*—A. E. Freer, Tuolumne.

*Tuolumne.*—R. L. Kloppenburg, Groveland (Exp. Chinese Camp).

**Tahoe.**—R. L. P. Bigelow, Nevada City (WU) ; George W. Lyons, forest examiner ; Fred J. Dooley, lumberman ; E. P. Gleason and Lawson H. Brainerd, rangers ; Wm. M. Gracey, executive assistant.

*Ranger District: Camptonville.*—C. E. Whittum, Camptonville (Exp. Nevada City).

*Downieville.*—George E. King, Goodyears Bar (Exp. Nevada City).

*Emigrant Gap.*—C. F. Hurst, Cisco.

*Foresthill.*—F. A. Land, Foresthill (Exp. Colfax).

*North Bloomfield.*—Carl T. Larsen, North Bloomfield (Exp. Nevada City).

*Sierraville.*—J. A. McIntosh, Sierraville (Exp. Loyalton).

*Truckee.*—Lee R. DeCamp, Truckee.

**Trinity.**—B. H. Mace, Weaverville (WU) ; John T. Gray, deputy supervisor ; Nellie M. Hennessy, senior clerk.

*Ranger District: Hayfork and Hyampom.*—Harry Everest, Hayfork (Exp. Weaverville).

*Lower Trinity.*—F. A. Graham, Salyer (Exp. Korb).

*Upper Trinity.*—W. C. Graham, Weaverville ; Jas. N. McKnight, ranger.

*Mad River.*—Iles McNeill, Ruth (Exp. Carlotta).

*Yolo Bola.*—Alva Tracy, Knob (Exp. Weaverville).

#### NEVADA.

**Mono.**—Wm. M. Maule, Minden (WU) ; Hans R. Jepsen, senior clerk.

*Ranger District: Alpine.*—W. J. Clark, Markleville, Calif. (Exp. Minden).

*Bridgeport.*—H. W. Atcheson, Bridgeport, Calif. (Exp. Minden).

*Mono Lake.*—W. E. Green, Mono Lake, Calif. (Exp. Minden).

*Sweetwater.*—C. E. Johnson, Sweetwater (Exp. Minden).



**DISTRICT 6.****NORTH PACIFIC DISTRICT.**

Washington and Oregon. Office, Post Office Building, Portland, Oreg.

GEO. H. CECIL, district forester.

LAW.—Office of the Solicitor (Forest Service branch). W. F. Staley, assistant to the solicitor.

FINANCE AND ACCOUNTS.—A. H. Cousins, chief of office and fiscal agent; H. J. Weil, district fiscal agent.

OPERATION.—A. O. Waha, assistant district forester; Shirley Buck, national forest inspector.

FIRE PROTECTION.—W. B. Osborne, jr., forest examiner.

IMPROVEMENT.—F. H. Brundage, T. P. Flynn.

TELEPHONE ENGINEERING.—C. M. Allen, telephone engineer.

LAW ENFORCEMENT.—T. M. Talbott, national forest examiner.

INSPECTION OF PROTECTION OF OREGON & CALIFORNIA RAILROAD LANDS.—R. H. Chapler, forest examiner.

STATE COOPERATIVE FIRE PROTECTION UNDER THE WEEKS LAW.—Washington and Oregon: R. H. Chapler, national forest examiner.

MAINTENANCE.—H. G. Whitney. District warehouse: R. M. Filloon.

FOREST MANAGEMENT.—Fred Ames, assistant district forester.

TIMBER SALES.—Thornton T. Munger, forest examiner.

LOGGING ENGINEERING.—Bruce E. Hoffman, logging engineer; Geo. L. Drake, forest examiner.

CHECK SCALING.—————.

TIMBER SURVEYS.—George A. Bright, forest examiner.

INSECT CONTROL.—A. J. Jaenicke, forest examiner.

FOREST PATHOLOGY (Bureau of Plant Industry).—John S. Boyce, consulting pathologist.

PLANTING AND FOREST INVESTIGATIONS.—J. F. Kümmel, forest examiner.

GRAZING.—E. N. Kavanagh, assistant district forester; J. L. Peterson, inspector of grazing.

STUDIES.—D. C. Ingram, grazing examiner.

LANDS.—C. J. Buck, assistant district forester; F. W. Cleator, forest supervisor.

CLAIMS.—W. M. H. Woodward, mineral examiner.

LAND EXCHANGES.—Ryle Teed, national forest examiner.

ENGINEERING.—Philip H. Dater, district engineer; George W. Root, assistant district engineer.

MAPS AND SURVEYS.—A. H. Hodgson, Lage Wernstedt.

Drafting.—V. H. Flach.

Entry Surveys.—George W. Root, E. R. Johnson.

ROADS.—Philip H. Dater, George W. Root, Cecil A. Lord, E. R. Johnson.

WATER POWER.—Philip H. Dater.

PRODUCTS.—W. H. Gibbons and C. W. Gould, forest examiners, Portland; C. W. Zimmerman and H. C. Stinson, engineer and assistant engineer in forest products, Seattle.

PUBLIC RELATIONS.—John D. Guthrie, assistant district forester.

## NATIONAL FORESTS.

## OREGON.

**Cascade.**—N. F. Macduff, Eugene (WU, P) ; Harvey E. Vincent, deputy supervisor ; E. H. Hall, forest examiner ; A. T. Moses, senior clerk.

*Ranger District: McKenzie Bridge.*—S. L. Taylor, deputy supervisor, McKenzie Bridge.

*West Boundary.*—C. B. McFarland, Landax.

*Oakridge.*—Roy Parks, Oakridge ; L. D. Blodgett.

**Crater.**—H. B. Rankin, Medford (WU, P) ; H. M. Johnson, forest examiner ; E. V. Cook, senior clerk.

*Ranger District: Rogue River.*—W. L. Jones, Medford.

*Butte Falls.*—A. T. Poole, Butte Falls.

*Dead Indian.*—E. C. Peachey, Medford.

*Applegate.*—Lee C. Port, Jacksonville.

*Klamath.*—E. J. Rogers, Fort Klamath.

*Timber Sale.*—F. A. Matz, lumberman ; J. D. Holst, G. H. West, and B. A. Nason, scalers ; R. U. Cambers and J. E. Gribble, rangers.

**Deschutes.**—H. L. Plumb, Bend (WU, P) ; W. O. Harriman, deputy supervisor ; F. V. Horton, grazing examiner ; Bert A. Nason, scaler ; J. W. Collette, senior clerk.

*Ranger District: Sisters.*—P. A. South, Sisters.

*La Pine.*—Roy Mitchel, La Pine.

*Crescent.*—Archie Estes, Crescent.

*Fort Rock.*—Ben Smith, Fort Rock.

**Fremont.**—Gilbert D. Brown, Lakeview (WU, P) ; Lawrence Frizzell, administrative assistant ; Helen M. Minthorn, senior clerk.

*Ranger District: Warner.*—P. V. Ingram, Lakeview.

*Dog Lake.*—J. G. C. Elgan, Lakeview.

*Bly.*—N. C. White, Lakeview.

*Paisley.*—Ben Young, Paisley.

*Silver Lake.*—W. A. LaSater, Silver Lake.

**Malheur.**—C. C. Reid, John Day (WU) ; P. A. Thompson, fire assistant ; M. L. Hennen, senior clerk.

*Ranger District: Crane Prairie.*—T. M. Ray, Prairie City.

*Drewsey.*—H. R. Elliott, Drewsey.

*Crow Flat.*—S. R. Bennett, Burns.

*Bear Valley.*—J. B. McEntire, Logdell.

*John Day.*—H. S. Albertson, Canyon City.

*Hyju.*—F. V. Bradford, Long Creek.

**Ochoco.**—V. V. Harpham, Prineville (WU, PT & T) ; W. A. Donnelly, administrative assistant ; Hattie Goodknight, senior clerk.

*Ranger District: Beaver-Mauvy.*—C. S. Congleton, Paulina.

*Mill Creek.*—J. O. F. Anderson, Prineville.

*Pisgah.*—G. C. Blake, Mitchell.

*Antone.*—Ralph Elder, Antone.

*Snow Mountain.*—E. W. Donnelly, Suplee.

**Oregon.**—T. H. Sherrard, Portland (WU, P) ; H. D. Foster and A. G. Jackson, forest examiners ; M. V. Livingston, senior clerk.

*Ranger District: Hood River.*—S. C. Walters, Mount Hood.

*Columbia.*—M. J. Brown, Cascade Locks.

*Bull Run.*—Raymond E. Smith, Welches ; T. R. Brown.

*Summit.*—Eric H. Gordon, Rhododendron.

*White River.*—C. C. Hon, Dufur.

*Clackamas.*—Joe A. Graham, deputy supervisor, Wapinitia.

*Collawash.*—R. T. Carter, Estacada.

*Eagle Creek Camp Grounds.*—Albert Wiesendanger, Cascade Locks.

**Santiam.**—C. C. Hall, Albany (WU, P) ; Ivy Boeck, senior clerk.

*Ranger District: Detroit.*—H. G. White, Detroit ; R. A. Elliott, ranger.

*Cascadia.*—J. A. Thayer, Cascadia ; F. A. Davis, ranger.

*Timber Sale.*—F. W. Stahlman, Detroit ; T. R. Brown.

**Siskiyou.**—E. H. MacDaniels, Grants Pass (WU, P) ; H. E. Haefner, forest examiner ; J. F. Campbell, administrative assistant ; F. I. Abrams, senior clerk.

*Ranger District: Port Orford.*—J. W. Brewer, jr., Agness.

*Agness.*—Lloyd G. Lyman, Agness.

*Galice.*—J. P. DeWitt, Merlin.

*Page Creek.*—M. M. Lewis, Takilma.

*Chetco.*— ———, Smith River, Calif.

*Gasquet.*—G. S. Case, Waldo.

*Timber Sale.*—S. A. Moore, Powers ; W. R. Farnham, Brookings.

**Siuslaw.**—Ralph S. Shelley, Eugene (WU, P) ; A. R. Wilcox, forest examiner ; Mildred G. Sinnott, senior clerk.

*Ranger District: Hebo.*—L. E. Garwood, Hebo.

*Waldport.*—M. S. Durbin, Waldport.

*Florence.*—P. N. Stephenson, Florence.

*Gardiner.*—D. G. Knox, Gardiner.

*Mapleton.*—E. S. Kerby, Mapleton.

**Umatilla.**—John C. Kuhns, Pendleton (WU, P) ; R. A. Bottcher, deputy supervisor ; K. P. Cecil, national forest examiner ; Robert W. Thomas, senior clerk.

*Ranger District: Asotin.*—Albert Baker, Pomeroy, Wash.

*Touchet.*—W. H. Kendall, Dayton, Wash.

*Walla Walla.*—C. L. Keithley, Walla Walla, Wash.

*Grande Ronde.*—F. W. Kendall, La Grande.

*Spray.*—Chas. F. Groom, Heppner.

*Gurdane.*—S. R. Woods, Gurdane.

*Ukiah.*—W. W. Allison, Ukiah.

*Albee.*—George B. Clisby, Pilot Rock.



**Umpqua.**—Carl B. Neal, Roseburg (WU, P) ; George Bonebrake, deputy supervisor ; Walter H. Leve, forest examiner ; W. C. Keyes, executive assistant.

*Ranger District: Bohemia.*—E. S. Holderman, Disston.

*North Umpqua.*—Fred Asam, Glide.

*South Umpqua.*—H. U. Cochran, Tiller.

*Quartz Mt.*—Walter Sackman, Glide.

*Diamond Lake.*—O. C. Houser, Roseburg.

*Timber Sale.*—C. W. Jackson, Disston.

**Wallowa.**—Nelson J. Billings, Wallowa (WU) ; G. E. Stevenson, lumberman ; J. M. Mann, national forest examiner ; C. H. Thorp, executive assistant.

*Ranger District: Bear Creek.*—L. A. Carpenter, Wallowa.

*Joseph.*—J. F. McClain, Joseph.

*Imnaha.*—W. G. Miller, Imnaha.

*Snake River.*—W. G. Miller, Imnaha.

*Chesnimnus.*—R. H. Harper, Enterprise.

*Sled Springs.*—L. A. Carpenter, Wallowa.

*Timber Sale.*—G. L. Smith and Allard Shipman, rangers.

**Whitman.**—W. F. Ramsdell, Baker (WU) ; I. E. Jones, J. F. Irwin, and Otto Zimmerli, supervisors ; C. W. Waterbury, lumberman ; Walt. L. Dutton, grazing examiner ; T. W. Furst, forest assistant.

*Ranger District: Sumpter.*—Roland Huff, Sumpter.

*North Powder.*—A. G. Angell, North Powder.

*Desolation.*—Geo. O. Langdon, Ukiah.

*Austin.*—Dan W. Fisk, Austin.

*Burnt River.*—Lloyd M. Judy, Unity.

*Pine.*—W. D. Foreman, Halfway.

*Eagle.*—Clyde O. Bloom, Medical Springs.

*Grande Ronde.*—Paul M. Ellis, Cove.

*Timber Sale.*—George Donaldson, scaler ; F. W. Mattson, C. F. Allen, and L. J. Wirth, rangers.

#### WASHINGTON.

**Chelan.**—P. T. Harris, Okanogan (PT & T, WU) ; G. E. Mitchell, supervisor ; R. L. Cline, forest examiner ; L. A. Isaac, forest assistant ; W. A. Steiner, senior clerk.

*Ranger District: Loomis.*—W. H. Price, Loomis.

*Conconully.*—R. B. Pierpont, Conconully.

*Sweat Creek.*—W. F. Burge, Okanogan.

*Squaw Creek.*—R. E. Grantham, Pateros.

*Alder Creek.*—J. G. Burghardt, Twisp.

*Eight Mile.*—A. R. Tyler, Winthrop.

*Stehekin.*—Geo. R. Wright, Stehekin.

*Chelan.*—F. F. Wehmeyer, Chelan.

**Columbia.**—A. H. Wright, Portland, Oreg. (WU, P); H. M. White, national forest inspector; Helena Smiley, senior clerk. **Wind River Nursery**, W. F. Will, ranger, Stabler.

*Ranger District: Mount Adams.*—Asher Ireland, Guler; H. A. Welty, ranger.

*Wind River.*—C. W. Welty, Stabler.

*Spirit Lake.*—J. H. Huffman, St. Helens.

*Timber Sale.*—Eilert Skaar, Stabler, and M. J. Mapes, Yacolt.

**Colville.**—Lawrence B. Pagter, Republic (WU, P); W. J. Sproat, forest examiner; E. H. Wheeler, administrative assistant; T. F. Barrett, executive assistant.

*Ranger District: Marcus.*—A. W. Eastman, Marcus.

*Danville.*—Arthur Radigan, Danville.

*Republic.*—L. L. Hougland, Republic.

*Orient.*—Robert E. Foote, Orient.

*Chesaw.*—N. E. Taylor, Chesaw.

**Olympic.**—R. L. Fromme, Olympia (WU, P); O. F. Ericson, forest examiner; F. B. Myers and J. H. Billingslea, forest assistants; Clarence M. Adams, executive assistant.

*Ranger District: Port Angeles.*—Chris. Morgenroth, deputy supervisor, Port Angeles.

*Quilcene.*—Joseph W. Fulton, Quilcene.

*Hoodsport.*—R. A. Hilligoss, Hoodsport.

*Quinault.*—D. G. Hartsuck, Quinault.

*Timber Sale.*—E. H. McArdle, scaler, Brinnon; John D. Ahl, Eldon, and H. J. Gordon, Sequim, rangers.

**Rainier.**—G. F. Allen, Tacoma (WU, P); E. J. Fenby and Geo. E. Griffith, deputy supervisors; A. A. Griffin, forest examiner.

*Ranger District: Lower Cowlitz.*—John Kirkpatrick, Randle.

*Upper Cowlitz.*—William Sethe, Lewis.

*Nisqually.*—Jules Hagon, Mineral.

*Carbon.*—R. J. O'Farrell, scaler, Fairfax.

*White River.*—Arnold Arneson, Enumclaw.

*Naches.*—Harry Croxford, Nile.

*Tieton.*—Mark Brunn, Naches.

*Timber Sale.*—W. F. Lessenger, Naches.

**Snoqualmie.**—W. G. Weigle, Seattle (WU, P); Lewis A. Treen, jr., supervisor; Frank B. Kellogg, forest examiner; M. W. Prasch, senior clerk.

*Ranger District: Darrington.*—J. R. Bruckart, Darrington.

*Silverton.*— ———, Silverton.

*Skykomish.*—Geo. E. Sawyer, Skykomish.

*Lester.*—J. W. Lundin, Lester.

*Timber Sale.*—L. D. Hurt, scaler, Snohomish; W. L. Stackpole, Fortson, and L. E. Griffiths, Darrington, rangers.

**Washington.**—C. H. Park, Bellingham (WU, P) ; R. L. Campbell, supervisor.

*Ranger District: North Fork Nooksack.*—G. C. Burch, Glacier.

*Baker River.*—Chas. M. Bagnell, Concrete.

*Finney Creek-Suiattle.*— ———.

*Skagit River.*—Thomas Thompson, deputy supervisor ; Marblemount.

*Timber Sale.*—Roger J. Whaite, ranger, Glacier.

**Wenatchee.**—A. H. Sylvester, Wenatchee (WU) ; C. J. Conover, forest examiner ; F. B. Lenzie, grazing examiner ; E. L. Springer, executive assistant.

*Ranger District: Lake Wenatchee.*—R. E. Nickles, Winton.

*Chiwaukum.*—Alfred McDonald, Winton.

*Leavenworth.*—John S. Brender, Leavenworth.

*Cashmere.*—Lee F. Chartrand, Cashmere.

*Liberty.*—S. A. Blankenship, Cle Elum.

*Easton.*—H. C. Blankenship, Easton.

*Entiat.*—James McKenzie, Entiat.

*Timber Sale.*—F. A. Varo, scaler, Leavenworth.

## DISTRICT 7.

### EASTERN DISTRICT.

Alabama, Arkansas, Florida, Georgia, Maine, New Hampshire, North Carolina, Oklahoma, Pennsylvania, Porto Rico, South Carolina, Tennessee, Virginia, West Virginia. Office, Atlantic Building, Washington, D. C.

F. W. REED, district forester.

PUBLIC RELATIONS.—James E. Scott.

FINANCE AND ACCOUNTS.—M. E. Fagan, chief of office and district fiscal agent.

OPERATION.—H. O. Stabler, assistant district forester.

ENGINEERING.—John W. Fox, district engineer.

FOREST MANAGEMENT.—R. M. Evans, assistant district forester ; S. H. Thompson, district forest inspector.

TIMBER SURVEYS AND MANAGEMENT PLANS.—J. B. Merrill and John Wasilik, jr., forest assistants.

GRAZING.—C. G. Smith, assistant district forester.

LANDS.—C. G. Smith, assistant district forester ; E. D. Fletcher, national forest examiner.

ACQUISITION.—Rudolph Dieffenbach, forest inspector.

Law.—A. H. McConville, attorney, office of the Solicitor, Washington, D. C. Title attorneys and special assistants to the United States attorneys ; M. B. Stickley, Washington, D. C. ; W. L. Newman, Woodstock, Va. ; John C. Forney, Moulton, Ala. Title attorneys : George E. Taylor, Bristol, Tenn. ; Alfred S. Grigg, Elkins, W. Va. ; Julius C. Fletcher, Lenoir, N. C. ; John Awtrey, Clayton, Ga. ; H. A. Lamphrey and Pierce R. Massie, Warren, Pa. ; John W. Van Hoy, Mena, Ark.



## NATIONAL FORESTS.

## ALABAMA.

**Alabama.**—Burley M. Lufburrow, acting supervisor, Moulton (WU),  
*Ranger District: Alabama.*—H. J. McDowell, Moulton.

## ARKANSAS.

**Arkansas.**—Charles A. Plymale, Hot Springs (WU) ; W. E. White, forest examiner.

*Ranger District: Womble.*—Abner Casey, Womble.

*Jessieville-Umphers.*—George W. Casey, Jessieville (Exp. Hot Springs).

*Cold Springs.*—David A. Younger, Cardiff (Exp. Waldron).

*Oden.*—T. E. Hale, Oden (Exp. Womble).

*Eagleton.*—S. C. Payne, Rich Mountain.

*Shady.*—Guy Cox, Shady (Exp. Mena).

**Ozark.**—K. E. Kimball, Russellville (WU) ; Ben F. Vaughan, national forest examiner, minor roads and trails.

*Ranger District: Sylamore.*—Hugh R. Moore, Mountain View (Exp. Sylamore).

*Bayou.*—James M. Wait, Okay (Exp. Atkins,

*Pleasant Hill.*—J. W. McPherson, Lurton (Exp. Russellville).

*Piney.*—James A. Mason, Fort Douglas (Exp. Clarksville).

*White Rock.*—Charles W. Fritts, Cass (Exp. Ozark).

## FLORIDA.

**Florida.**—W. F. Hill, Pensacola (WU, P).

*Ranger District: Camp Pinchot.*—E. R. McKee, deputy supervisor, Valparaiso (Exp. Crestview).

*East Bay.*—Otis B. Fort, Holly.

*Mossyhead.*—J. E. Clark, Mossyhead.

*Bayou.*—G. B. Anchors, Valparaiso (Exp. Crestview).

*Ocala.*—C. H. Rogers, deputy supervisor, Lynne (Exp. Ocala).

## NEW HAMPSHIRE.

**White Mountain.**—J. J. Fritz, Gorham (WU, P) ; H. R. Currier, deputy supervisor ; P. M. Hodgkins, forest assistant.

*Ranger District: Gorham.*—Truman E. Hale, Gorham.

*Twin Mountain.*—Clifford L. Graham, Pierce Bridge.

*Bartlett.*—C. E. Beals, jr., Bartlett.

*Woodstock.*—George E. Spinney, Woodstock.

## NORTH CAROLINA.

**Nantahala.**—R. W. Shields, Franklin (WU) ; S. M. Shanklin, deputy supervisor ; C. E. Beaumont, forest examiner ; W. N. Sloan, examiner of surveys.

*Ranger District: Clayton.*—R. C. Nicholson, Clayton, Ga.

*Highlands.*—J. E. Potts, Highlands.

*Nantahala.*—R. C. Brown, Franklin.

**Pisgah** (includes Pisgah, Boone, Mount Mitchell, and northern portion of the Natchala Purchase Units).—Verne Rhoades, Asheville (WU, P); Meriam A. Mattoon and Ira T. Yarnell, forest examiners; James Denman, examiner of surveys.

*Ranger District: Davidson River*.—H. R. Koen, Pisgah Forest.

*Bent Creek*.—Clarence L. Fink, Biltmore.

*Big Ivy*.—J. O. Brigman, Pisgah Forest.

*Catawba*.—Chas S. Dunn, Old Fort.

*Buck Creek-South Toe*.—George M. Bird, Garden City (Exp. Marion).

*Wilson Creek*.—Monroe Coffey, Edgemont.

#### OKLAHOMA.

**Wichita**.—Frank Rush, Cache (WU).

*Ranger District: Wichita*.—Leo Hawthorne, Cache.

#### PENNSYLVANIA.

**Allegheny Purchase Unit**.—L. L. Bishop, Warren (WU); Frank T. Murphy, forest examiner; P. G. Jenney, R. E. Pidgeon, A. A. Riemer, and C. F. Muzzey, examiners of surveys.

#### PORTO RICO.

**Luquillo**.—E. Murray Bruner, forest examiner, Rio Piedras.

#### TENNESSEE.

**Cherokee**.—Carlton L. Perkins, Athens (WU); Everett B. Stone, jr., forest assistant.

*Ranger District: Toccoa*.—W. A. Woody, Margret, Ga. (Exp. Gainesville, Ga.).

*Ocoee*.—W. P. Duncan, Postelle (Exp. Ducktown).

*Hiwassee*.—Leland Fouts, McFarland.

**Unaka**.—H. L. Russell, Bristol (WU); Arnold C. Shaw, forest examiner.

*Ranger District: French Broad*.—Lorenzo Jared, Hot Springs, N. C.

*Shady*.—G. S. Blevins, Crandall (Exp. Damascus, Va.).

*Carter*.—G. W. Cole, Carter.

*Erwin*.—R. T. Reed, Erwin.

#### VIRGINIA.

**Natural Bridge**.—J. H. Fahrenbach, Buena Vista (WU); H. M. Sears, forest examiner; A. R. Kinney, examiner of surveys.

*Ranger District: Glenwood*.—J. W. McNair, Natural Bridge Station.

*Pedlar*.—Thomas A. Wilson, Buena Vista.

**Shenandoah**.—S. H. Marsh, Harrisonburg (WU); W. H. Stoneburner, deputy supervisor, Edinburg; E. R. Conrad, examiner of surveys.

*Ranger District: Deerfield*.—H. B. Eye, Deerfield.

*North River*.—J. William Bowman, Bridgewater.

*Potomac*.—Arthur A. Wood, Lost River, W. Va.

*Massanutten*.—John W. Crisman, Edith.

## WEST VIRGINIA.

**Monongahela.**—H. L. Johnson, Elkins (WU) ; W. E. Hedges, national forest examiner.

*Ranger District: North.*—Charles E. Long, Gladwin.

*South.*—Roscoe Arbogast, Thornwood.

## DISTRICT 8.

## ALASKA DISTRICT.

Alaska. Office, Goldstein Building, Juneau, Alaska.

CHARLES H. FLORY, district forester.

FINANCE AND ACCOUNTS.—H. L. Redlingshafer, fiscal agent.

OPERATION.—M. L. Merritt, assistant district forester.

FOREST MANAGEMENT.—B. F. Heintzleman, assistant district forester.

TIMBER SURVEYS.—J. P. Williams, national forest examiner.

LANDS.—M. L. Merritt, assistant district forester ; Wellman Holbrook, national forest examiner.

ENGINEERING.— ———.

Drafting.—P. I. Dennee.

WATER POWER.—J. C. Dort, assistant district engineer.

## NATIONAL FORESTS.

## ALASKA.

**Chugach.**—W. J. McDonald, Cordova (WU, P) ; L. C. Pratt, executive assistant.

*Ranger District: Prince William Sound.*— ———, Cordova.

*Katalla.*— ———, Katalla.

*Seward.*—John G. Brady, Anchorage.

**Tongass.**—Robert A. Zeller, Ketchikan (SC, USA ; P ; WU) ; Lyle W. Blodgett, port engineer ; B. R. Aikens, pilot and gas engineer ; Herman E. Starker, senior clerk.

*Ranger District: Ketchikan.*—J. M. Wyckoff, deputy supervisor, Ketchikan.

*Petersburg.*—J. L. MacKechnie, deputy supervisor, Petersburg.

*Juneau.*—H. E. Smith, deputy supervisor, Juneau.

*Sitka.*—George H. Peterson, deputy supervisor, Sitka.

*Craig.*— ———, Craig.





